

C630-5  
C292

LIBRARIAN  
UNIV OF N CAROLINA  
CHapel HILL N C  
PS

# The CAROLINA FARMER

Owned by North Carolina's  
Rural Electric Cooperatives / January  
1965

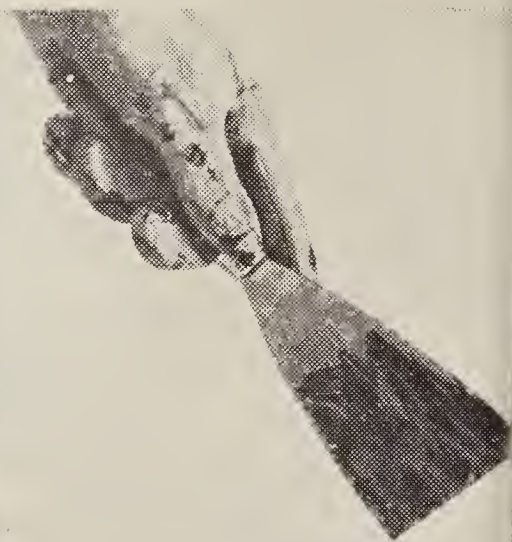




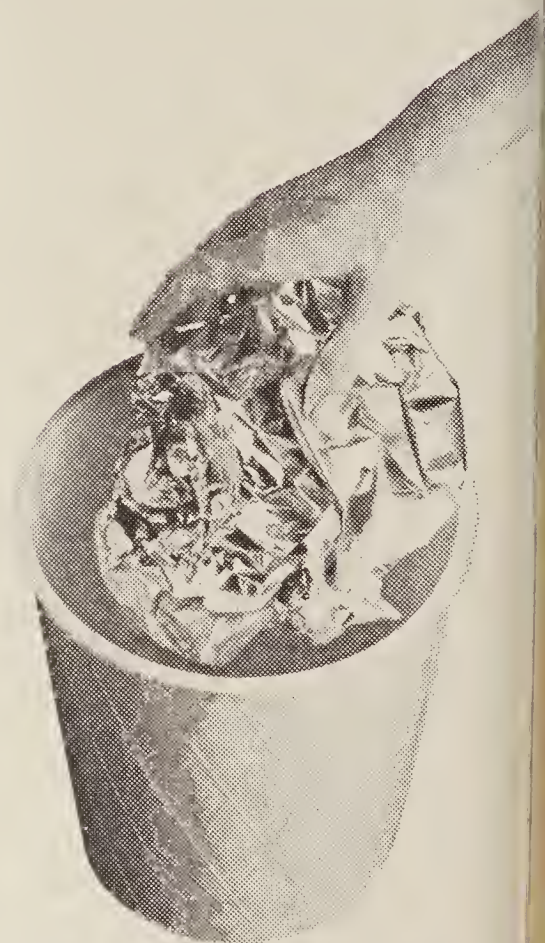
**No scrub...**



**no spray...**



**no scraping away!**



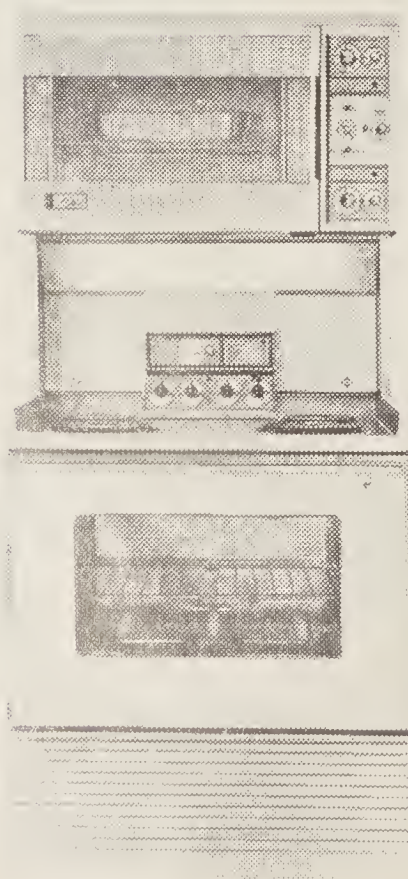
**Just throw out the foil  
and your Kelvinator oven  
is clean.**

**It's the only electric range built to u  
aluminum linings safely, quickly, easi**

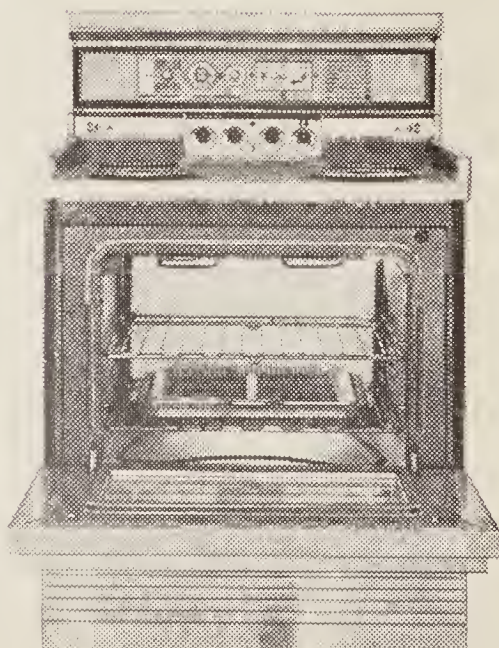
Special racks to hold aluminum foil linings c  
with every Kelvinator electric range, regar  
of price. That means you simply throw a  
spatters and spill-overs, never have to go thro  
the drudgery of oven cleaning again. W  
more, only Kelvinator ovens are designed to  
you perfect cooking results whenever you  
and broil with inexpensive aluminum foil lin

**See your nearest Kelvinator dealer.**

Kelvinator, American Motors Corp., Detroit, Mich. De  
to Excellence in Rambler Automobiles and Kelvinator Appl



Two-oven Kelvinator Tri-Level range.



30" or 40" free-standing Kelvinator range.



# The CAROLINA FARMER

Vol. 20 January, 1965 No. 1

OFFICIAL PUBLICATION  
TARHEEL ELECTRIC  
MEMBERSHIP ASSOCIATION

J. C. BROWN JR.  
EXECUTIVE MANAGER  
P. O. BOX 1699 - RALEIGH, N. C.

RICHARD A. PENCE  
EDITOR

JENNIE LAYNE  
ASSISTANT EDITOR

ARCHIE HATHCOCK  
POWER USE EDITOR  
AND ADVERTISING DIRECTOR

POLLY HONBARRIER  
EDITORIAL ASSISTANT

**COVER** — Snow time means fun and frolic for children. For grownups it means putting on the chains, shoveling walks and slipping and sliding in the family auto. Fun or work, there's no denying that when winter tosses its silvery cloak over the countryside its beauty rivals that of any of nature's wonders. Photographer Jack Dermid captured this winter scene, and for more of his camera work, turn to pages 12-13.

## FEATURES

- THE FRONT PORCH  
By Dick Pence
- THE CAROLINA HOMEMAKER  
The new ranges
- 'TWEEN YOU AND ME  
By Jennie Layne
- TEEN ROUNDTABLE  
Work or school?
- AROUND THE HOUSE  
By Archie Hathcock
- HALE!  
Polly's page

## ARTICLES

- ALL-ELECTRIC MEMORIAL  
It honors Doughton
- YOUR HOUSEPOWER  
Is it enough?
- TODAY'S ELECTRIC HOME  
Outdated tomorrow

## NEWS

- TERRITORIAL PACT  
Power companies, co-ops agree

THE CAROLINA FARMER IS PUBLISHED MONTHLY BY TARHEEL ELECTRIC MEMBERSHIP ASSOCIATION, INC. SECOND CLASS PRIVILEGES AUTHORIZED AT RALEIGH, N. C. UNDER THE ACT OF MARCH 3, 1879. SECOND CLASS POSTAGE PAID AT RALEIGH, N. C. EDITORIAL OFFICES, SUITE 914 FIRST NATIONAL BANK BUILDING, RALEIGH, N. C. SUBSCRIPTION PRICE 60¢ PER YEAR. CON- TENTS COPYRIGHTED 1965 BY TARHEEL ELECTRIC MEMBERSHIP ASSOCIATION, INC.

## A Careful Look

The long-awaited National Power Survey Report of the Federal Power Commission was released last month. Its findings are optimistic about the future of the American electric consumer.

With full coordination and interconnection of the nation's electric utilities, the report says, electric users could be saving more than \$11 billion by 1980.

In 1963 the nation's power bill was \$14 billion. In 25 years we will be using nearly three times as much electricity. But we may be paying only about twice as much—\$30 billion a year—if the electric industry meets the goals set out in the report.

A mighty big "if."

The concept envisioned by the report—complete interconnection of *all* power suppliers—is one the commercial power companies have steadfastly refused to consider.

Witness the recent formation of giant power pools by the commercial companies. WEST (Western Energy Supply and Transmission Associates) is just one of them. It's a giant complex of ten commercial companies which will cover one-fifth of the land mass of the continental United States.

Or—closer to home—the Carolinas-Virginia Power Pool was announced early in December. Duke Power Company, Carolina Power and Light, Virginia Electric and Power and South Carolina Electric and Gas are the principals in this group.

Nowhere in the plans of CARVA Power Pool, WEST, or most of the other pooling arrangements being announced by the commercial companies can you see any provision for including public agencies, or municipal and cooperative suppliers. Certainly these suppliers have a legitimate interest in pooling arrangements and many can make substantial contributions to them.

It's apparent that pooling pacts which block out small or publicly owned systems aren't in the best public interest. The aim of this country's power suppliers should be exactly what the FPC suggested in its report: *full regional and countrywide coordination of all systems.*

Pooling agreements which don't meet that standard should be carefully scrutinized by the public and the regulatory agencies.

## Cornering The Misery Market



The holiday season brought another rash of those little books titled "Happiness is a . . ." or "Misery is a . . ."

They started out as books for children—more or less—but by this past Christmas the adults had taken over. Take this one: "Happiness is opening a windowed envelope and finding a check instead of a bill inside."

Editors—peculiar lot that they

are—have their own little things that are happiness.

Happiness, for instance, is writing an article that has just enough lines to fill the space available. Or, happiness is not finding any errors in last month's magazine.

But I've got a theory about what the best happiness of all is. It's being miserable before anybody else has a chance to be.

I discovered this little "truth"

one day a few weeks back. The day started out wrong and got worse. First, I overslept. Then, on the way to the office I banged up the side of the new car. Among other things I later spilled a cup of coffee all over the layouts for the magazine. By the time I limped out of the office that night near everything that could go wrong had.

I did manage to get home without wrecking the car again, and I entered the house all set to unburden my woes. Before I could open my mouth, I was preempted. "What a terrible day I've had," said my wife. And of course I had to be properly sympathetic and cheer her up while she unburdened her woes.

It's a bit like the fellow who has gotten along without his saw as long as he cared to. He charged next door to get it back from his neighbor and was greeted with these words: "George, I've been wondering if you didn't think it was time to bring back my rake." George was a victim of that old adage of football coaches: "The best defense is a good offense."

My guess is misery has a bit of that same quality. When one person in a group claims the "misery," then the others are shut out. They feel compelled to be happy in an attempt to cheer him or her up.

One of the girls in the office says that cornering the misery market can be developed to a science. You can't wait until you walk into the house after work. That's taking too much of a chance. The other fellow might catch you off guard and get in a "misery" plea in first. She says you have to start early in the morning. A casual hint at breakfast about a headache is a good starter. Then, when the first major mishap of the day occurs, you promptly call the other half to help build the mood. By the time you reach home you stand a good chance of being on the receiving end of the sympathy.

Anyway, if my little theory is right there's a great potential for a few people to go around being miserable and thereby forcing everyone to be happy.

I hereby offer to tell you how miserable things have been going just so you can have a happy New Year. And I hope you do.



"WE'D LIKE TO RE-UP."

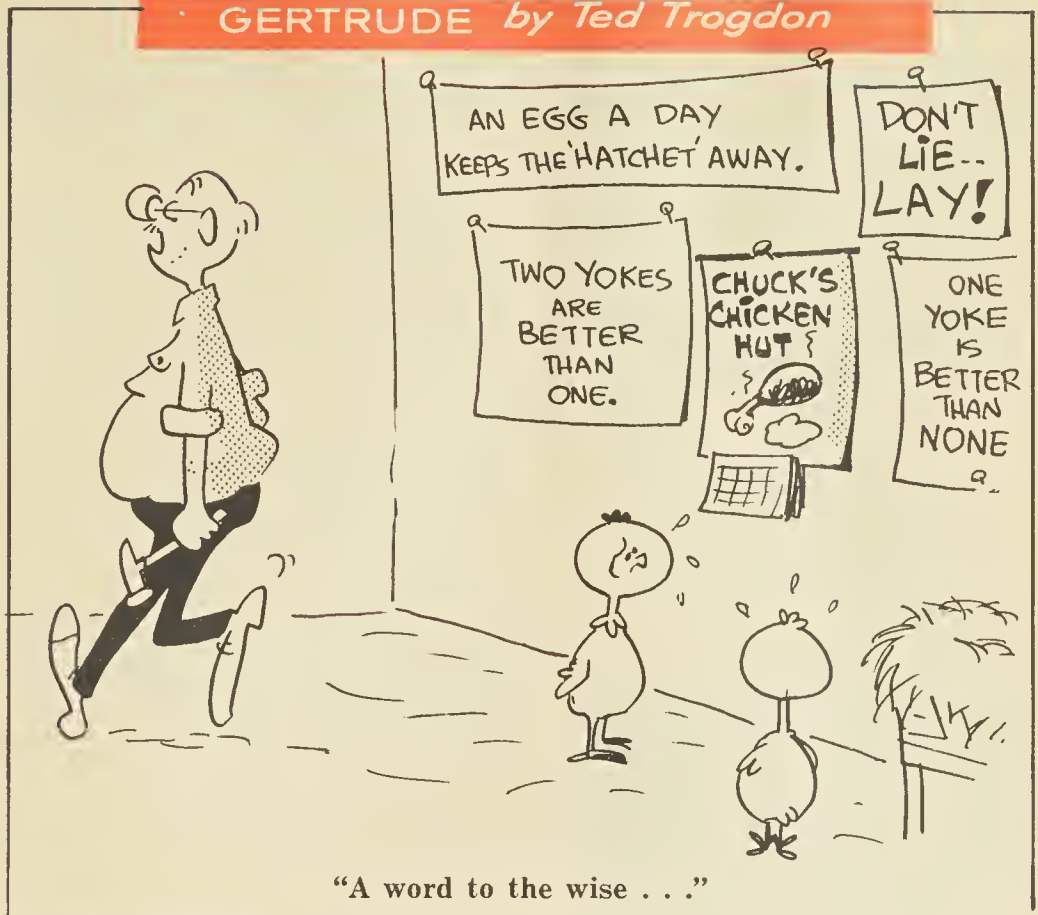


## Music and Corn

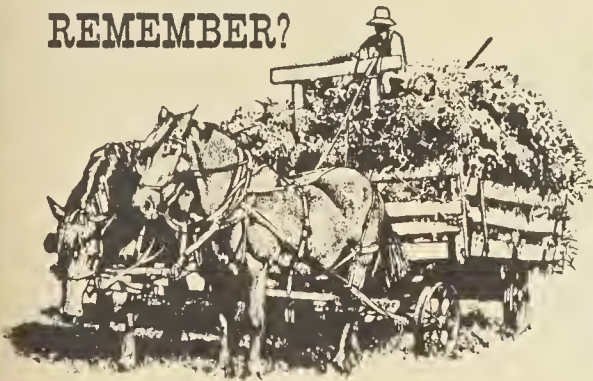
At the store this morning I bought a half-empty box of breakfast food for 49 cents, plus 2 cents tax. This made more than a half dollar for about a 15-cent food value. But see what else I got: 10¢ music, green stamps, a raffle ticket on a refrigerator, a clown costume for a grandchild to color, and a coupon which needs only a more box top to be mailed anywhere in Michigan where they mail back a quarter to buy milk to wet down the cereal. If a farmer anywhere got as much as one cent for the corn in that box he did better than usual. I won't get rich on his penny, but I won't get rich paying 51¢ for corn. But the rich folks in between will tell you frankly that farmers are responsible for high food prices. I'll bet the music will cost more than the corn.

—John Ford in Alabama  
Rural Electric News

GERTRUDE by Ted Trogdon



REMEMBER?



... when everybody brought in hay  
with a horse and wagon?  
... and hardly anybody had insurance?

*Things are just about the reverse now. Have you had a  
Farm Bureau agent go over your insurance program lately?*

NC. Farm Bureau Insurance CF-1-65  
Ex 1391—CF 11  
Fayetteville, North Carolina

Please send information about Farm Bureau  
insurance coverage to:

Name \_\_\_\_\_  
Address \_\_\_\_\_



NORTH CAROLINA

FARM

BUREAU

Insurance





## THE MODERN WAY TO HEAT

# One of these **ELECTRIC HEATING** methods is best for you

### Baseboard units simple to install: Ideal for re-modeling or new homes

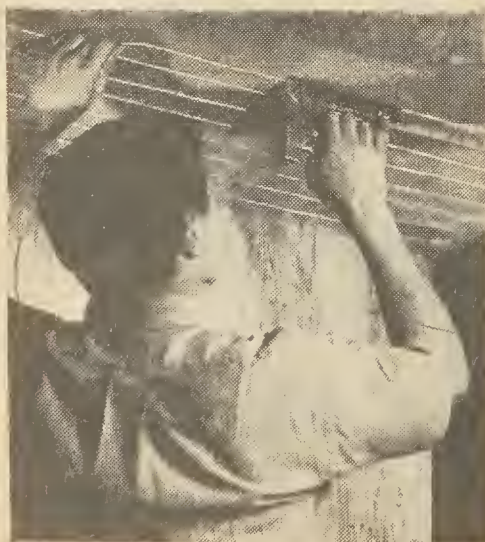
There's no fuss or bother when you install Electric Heat. The job is done quickly and economically. That's because there are no expensive chimneys or duct work. Baseboard and wall units are ideal when you remodel. They can be installed as easily and quickly as a light outlet — no mess, no bother.



Most importantly, you'll be treating your family to a new level of comfort and convenience. The temperature is controlled in each individual room. Electric Heat is as quiet and as safe as a light bulb; no flames or fumes to worry about; no smoke or soot to dirty your home.

### Ceiling cable system is invisible

Ceiling cable makes decorating and furniture arrangements easier because all the heating elements are



hidden in the ceiling. Furniture can be placed anywhere because floor or wall space isn't needed for the heating units. Ceiling cables are stapled to plaster laths or dryboard and then covered by plaster or dryboard. The heat radiates down... just like the sun shining from above.

Thermostats control the temperature in each room so you always have the most comfortable degree of warmth. Ceiling cable is safe, clean and the most convenient way to heat your home.

Many folks install it in the bathroom floor. Feels wonderfully warm and cozy to barefeet on wintry nights!

### Heat pump for year-around climate control

A heat pump is both a heating and air conditioning system. During the



winter, it heats your home; in the summer, the cycle is reversed and your home is cooled. This gives you real "climate-controlled" living. You merely set the thermostat for the "climate" you want and relax to enjoy all the comforts of total-electric living.

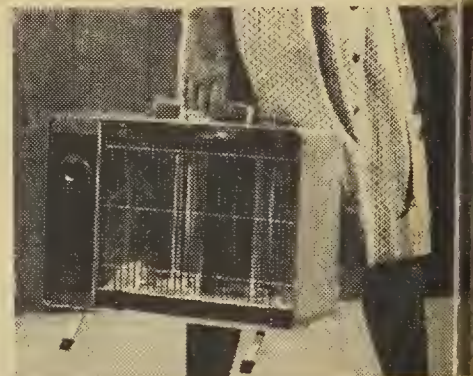
Installation is slightly more expensive than other heating systems but much less than the cost of two separate systems for heating and air conditioning. A heat pump costs less

to operate than other separate heating and air conditioning systems, too.

### Plug in extra warmth with an electric heater

Portable electric heaters are great when you want to heat small areas in a hurry or provide extra warmth on special occasions. Many folks use them in work shops or in basement areas.

They're particularly welcomed on cold mornings to "take the chill" out of the bathroom. Senior citizens find them wonderful to give a little extra heat for their added comfort.



Regardless of which Electric Heating system you choose, you can be sure your family has the most modern, most comfortable heating method available. It'll give you new peace-of-mind because Electric Heat is so safe. And it's dependable and economical because of low-cost electric power.

Whether you build or remodel, discuss your plans with the Heating Specialists at your rural electric cooperative. They have experience and ideas because they've helped so many families with problems just like yours. Proper planning of a few details, such as installing adequate insulation, will make a big difference that can save you money and make your home even more comfortable.

There's no cost or obligation. Call or visit your rural electric cooperative soon!





# All-Electric Hospital Wing Honors Former Congressman

Among those who were instrumental in the formation of Blue Ridge Electric Membership Corporation, none were more important than the late Robert Doughton, who served as Congressman from the Ninth District for 42 years.

In November his friends in Alleghany County and across the state gathered to dedicate a memorial to him at Sparta in his home Alleghany County. The memorial was an especially fitting one—an all-electric wing at Alleghany Memorial Hospital.

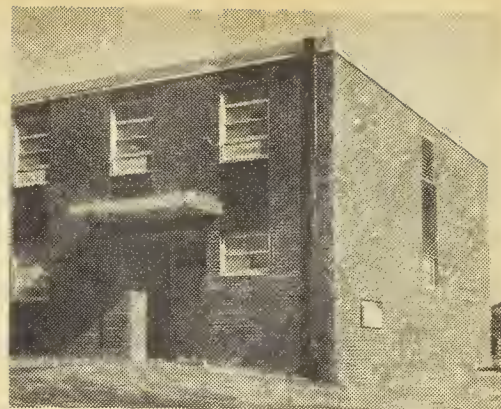
The new wing on the hospital, donated by Blue Ridge EMC, was completed at a cost of \$230,000 and provides the northwestern counties with much improved medical facilities.

The project was proposed by the Doughton Memorial Commission over two years ago. The Gen-

eral Assembly had appropriated \$25,000 for the commission to spend in a way fitting to the memory of Doughton. The commission elected to spend the money on the county hospital rather than erect a monument or memorial building near his home. Additional funds for the hospital came from the federal government and the State Medical Care Commission.

Chairman of the Doughton Commission was Charles A. Cannon, who presided at the dedication. Speaker for the occasion was Wilbur Mills, Congressman from Arkansas. Mills is currently chairman of the House Ways and Means Committee, a post which Doughton held for many years.

Mills said that if his predecessor had done nothing else in the Congress beyond sponsoring the Social Security Act, "this alone would have entitled him to a place



The new Doughton wing.

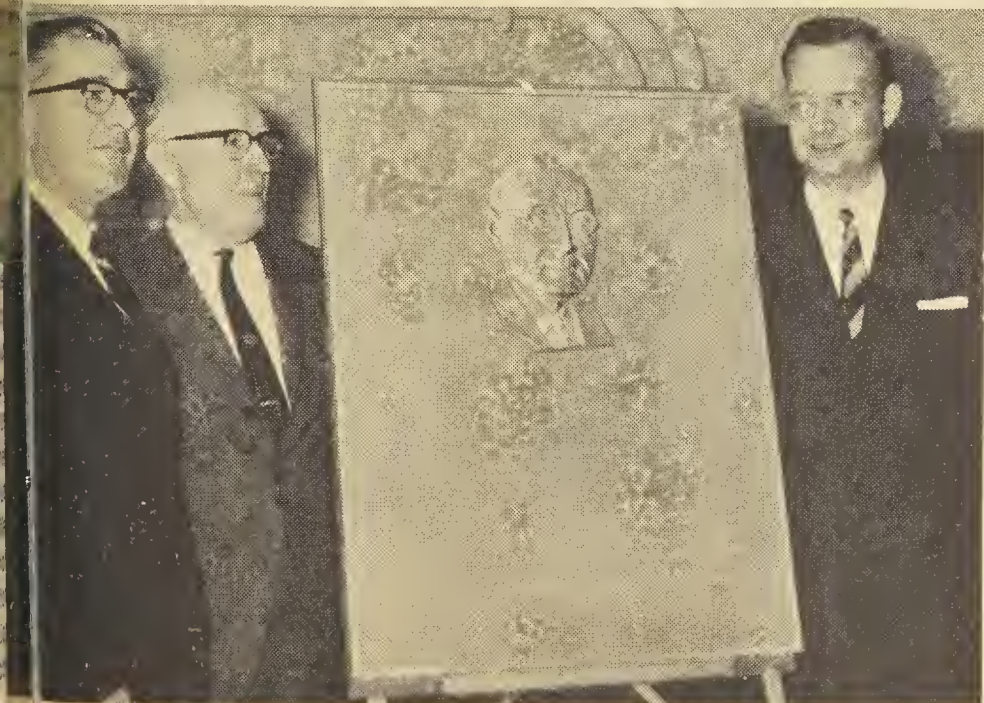
in history no one else can equal."

He said of 20 million Americans drawing Social Security benefits, "each and every one of them owes a debt of gratitude to the man we honor . . . he earned his place in the history of America and in the hearts of the people."

A plaque which will be mounted in the new hospital wing was unveiled by Doughton's grandson, James Horton Doughton.

A granddaughter, Virginia Pou Doughton, unveiled a highway historical marker which will be placed on Highway 18, near Doughton's home place, about 15 miles south of Sparta at Laurel Springs.

Among members of the Doughton Memorial Commission who were present was W. B. Austin, president of Blue Ridge EMC. Also attending the dedication was the manager of Blue Ridge, Cecil Viverette, and other members of the cooperative's staff.



Standing beside a plaque to Doughton's memory are Rep. Mills, Charles Cannon and Rep. James Broyhill, who introduced Mills.



Doughton's grandson, James Horton Doughton, unveils plaque.



# Electric Co-ops, Power Companies Agree on Territorial Principles

**N**ORTH Carolina's rural electric cooperatives and power companies have negotiated an agreement on legislative principles to try to solve territorial disputes and minimize duplication of facilities among electric suppliers.

The most significant features of the agreement (which appears below) are protected, exclusive territories for co-ops and power companies outside of town, to be assigned by the Utilities Commission; "grandfather rights" with respect to present lines plus 300-foot protection from competition on either side of the lines both inside and outside of towns; the cooperatives' agreement to become liable for taxes imposed within the state (except income tax) from which they are now exempt, by Jan. 1, 1967. In addition, the cooperatives would be required to apply to the Utilities Commission for a certificate before building a generating plant. The agreement

provides for speedy decision by the Utilities Commission on such an application, and direct appeal of the decision to the Supreme Court.

The cooperatives previously have had no territorial protection. They have also been totally free of Utilities Commission jurisdiction. In practical effect, they remain free of jurisdiction except in the areas of generation certification and territorial assignment and protection.

Excused from taxes by the General Assembly of 1935, the EMCs would pump between two million and three million dollars a year into the county, state, and city tills beginning in 1967. Tax in respect to business in towns would begin immediately upon enactment.

Negotiations began on Dec. 17, at the request of Governor-elect Dan K. Moore, and were concluded with the acceptance of a set of principles by Tarheel Electric's 66-man Board of Directors on Jan.

6, two days prior to Moore's inauguration.

The principles had previously been accepted by negotiators for Duke Power, Carolina Power and Light, Virginia Electric and Power, and Nantahala Power Company, and a negotiating team representing the cooperatives. Attorneys for power companies and co-ops are drafting legislation embodying the principles for submission to the General Assembly which convenes Feb. 3.

Upon receipt of the agreement, Governor Moore met with the League of Municipalities and then announced that he considered it a fair solution to the problem which have been the subject of legislative fights in three General Assemblies. He expressed hope that the League of Municipalities would accept the agreement also.

Back of the agreement, which was reached after four days of conferences between the parties, was Governor Moore's campaign

## STATEMENT OF PRINCIPLES AGREED UPON BETWEEN RURAL ELECTRIC COOPERATIVES AND POWER COMPANIES

A. With respect to service inside municipalities, enact legislation to accomplish the following:

1. In any municipality in which, in addition to the electric service furnished either by the town itself or by a supplier franchised by it, another supplier (hereinafter referred to as the "Secondary Supplier") now has some electric customers, such Secondary Supplier shall have the following rights:

(a) It shall have the right to continue to serve the premises presently being served by it;

(b) It shall have the right to serve all new customers within 300 feet of its present lines, except that when a customer locates within 300 feet of the lines of both suppliers, as such lines now exist,

the customer shall have the choice.

The town or supplier franchised by it may not serve any premises which the Secondary Supplier has the right to serve as set forth above.

2. In any area hereafter annexed to a municipality in which an electric supplier, which is not the principal supplier in the municipality, is furnishing service to electric customers (hereinafter referred to as the "Secondary Supplier"), such Secondary Supplier shall from the date of annexation have the following rights:

(a) It shall have the right to continue to serve the premises being served by it on the date of annexation;

(b) It shall have the right to

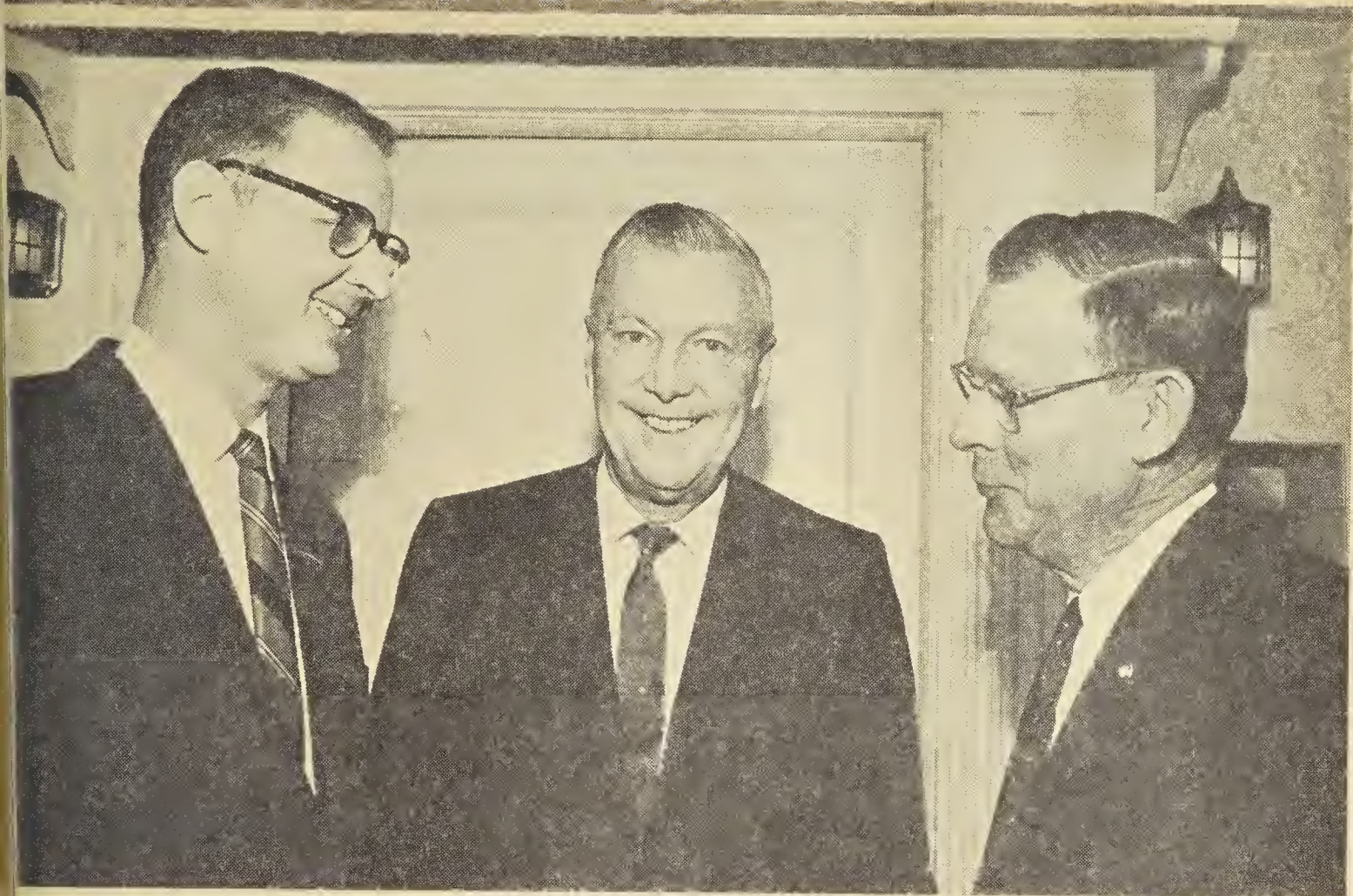
serve all new customers within 300 feet of its lines as such lines exist on the date of annexation, except that when a customer locates within 300 feet of the lines of both suppliers, as such lines exist on the date of annexation, the customer shall have the choice.

The town or supplier franchised by it may not serve any premises which the Secondary Supplier has the right to serve as set forth above.

3. Upon the incorporation of a municipality of any area not heretofore so incorporated, all suppliers of electric service in such area on the date of incorporation shall have the same rights with respect to premises being served and

(Continued on page 10)





Three of the principals in territorial agreement between power companies and cooperatives prior to beginning of conferences are: left to right, J. C. Brown Jr., executive manager, Tarheel Electric Membership Association; Governor Dan K. Moore; and William McGuire, president, Duke Power Company.

edge that he would seek a negotiated settlement, and an improvement from 1963 in the makeup of the General Assembly from the viewpoint of the cooperatives. Lt. Governor Bob Scott, who fought for legislation on behalf of the co-ops in 1963, had made no secret of his determination to press for the co-ops' program in 1965. This was one of the principal issues on which he campaigned for the post he assumed Jan. 8.

There was also considerable pressure from legislators to avoid a conflict which would detract from other issues which will face the General Assembly.

J. C. Brown, Jr., executive manager of Tarheel Electric, and one of the negotiators for the cooperatives, called the agreement "a fair honorable attempt to solve our territorial differences without either party receiving an unfair advantage. All of us who sat in on the meetings recognized that ultimately the only satisfactory lasting solution had to be

negotiated. Any legislation adopted over the strong objection of either the power companies or the cooperatives would be attacked, and perhaps successfully, in subsequent sessions."

Brown said that the co-ops could not have been more ably represented at the bargaining table. "The men who negotiated in your behalf are experienced and dedicated to the service of rural electric consumers. They also proved themselves reasonable." The co-op negotiating team included W. T. Crisp, general counsel, TEMA; G. L. Rucker, president, TEMA, and manager of Edgecombe-Martin Co. EMC; Alton P. Wall, president, N. C. EMC, and manager, Randolph EMC; and E. W. Evans, vice-president, TEMA, and a director of Roanoke EMC.

Reid Thompson, vice-president and general counsel of Carolina Power and Light Company, said he felt the agreement was in the best interest of the state. "There was a sincere and fruitful effort

to consider all of the interests involved, and I think we reached the best possible agreement with a lot of give-and-take on both sides."

The power company team of negotiators also included John Hicks, secretary and assistant general counsel, Duke Power Company; W. T. Walker, Nantahala Power and Light Company; and Robert Howison, attorney representing Virginia Electric and Power Company.

Gwyn Price, chairman of the State Rural Electrification Authority, represented the State and served as chairman.

The negotiators were named by the respective interests following an initial meeting called by Governor Moore to explore the possibility of agreement. In addition to several of the above, attending the first meeting were the following power company presidents: A. H. McDowell of VEPCo., Shearon Harris of CP&L, William McGuire of Duke, and John Archer of Nantahala.



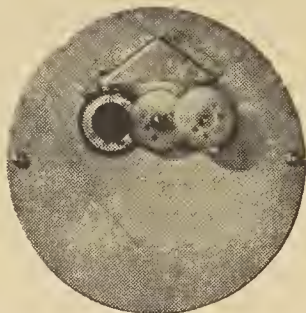
## The Greatest Improvement in Thermostats for Oil Curers and Stokers in 20 Years



Patent  
Pending

### THE ALL NEW DUAL FLORENCE-MAYO THERMOSTAT *Down Goes the Sun—Up Comes the Nite-Lite*

The all new Florence-Mayo Thermostat is two thermostats that are controlled by one knob. The High Limit is automatically set when the operator sets the thermostat. When the curer is in operation the thermostat dial lights up. No match or flashlight is needed at night when you set the thermostat. The greatest improvement in a thermostat for Jet Oil Curers and Stokers in 20 years. This improved thermostat greatly improves the performance of any make of Jet Oil Curer, but it is available only with the Florence-Mayo Jet Oil Curers.



Patent  
Pending

### THE FLORENCE MAYO AUTOMATIC TIMER CONTROLLED THERMOSTAT FOR JET OIL CURERS

**4 Speeds Forward—  
1 Reverse Speed**

Mayo's Nuway Automatic Timer Controlled Thermostat is the first and only Automatic Timer Controlled Thermostat with 4 speed forward cluster gear and transmission with one reverse gear. The Timer Control Thermostat can be preset to increase the temperature at 2°, 3°, 4° or 5° per hour at the desired rate the operator wants to increase the temperature. The F-M Automatic Timer Controlled Thermostat can be set to increase the temperature hourly to suit the operator in his absence during the day or night.

*The latest and greatest thermostats for oil curers and stokers are now available for replacement on all makes of oil curers and stokers. See your nearest Florence-Mayo Dealer or write Florence-Mayo direct for full information.*

POULTRY FARMERS ASK ABOUT THE NEW  
F-M 15,000 CHICK BROODERS

### FLORENCE-MAYO NUWAY COMPANY

Makers of the World's Best Tobacco Curers  
1935 — FARMVILLE, N. C. — 1965  
Serving the Tobacco Farmers for 30 years

## AGREEMENT—from page 8

extensions within 300 feet as set forth in 1 (a) and (b) above. The newly incorporated town, if it goes into the retail electric business, or a supplier franchised by it shall be in the same position as the town or franchise supplier referred to in paragraph 1 above.

4. Notwithstanding other provisions of law, electric cooperatives shall be eligible to receive a franchise from a municipality in the following instances:

(a) In all municipalities in which a cooperative is now the principal supplier of electricity at retail (which means a majority of the electric meters within a municipality) and in all municipalities which now receive their entire supply of electricity at wholesale from a cooperative. If the co-op receives a franchise in such municipality it shall be eligible to serve pursuant to franchise in that municipality regardless of the ultimate population growth.

(b) In the event of a newly incorporated municipality, provided that at the time of the incorporation the cooperative is serving a majority of the meters within the corporate limits. If the co-op receives a franchise in such municipality it shall be eligible to serve pursuant to franchise in that municipality regardless of the ultimate population growth.

5. Except as provided in 1, 2, 3 and 4 above, a cooperative shall not be eligible to furnish electric service to or within the limits of any municipality, except upon the consent of the electric supplier who previously furnished service to or within the limits of such municipality.

6. All cooperatives shall be required to pay all city and county ad valorem taxes and all State taxes (except State income tax), or equivalent payments in lieu of such taxes, on all properties of the cooperatives situate within the corporate limits of any municipality and on all business done by the cooperatives within the corporate limits of any municipality. (Credit will be worked out for gross receipts taxes now being paid on wholesale rates.)

B. With respect to service outside municipalities, enact legislation to accomplish the following:

1. Neither the power companies nor the cooperatives may serve any customer at premises presently being served by the other.

2. The cooperatives and the power companies shall have exclusive

right to serve all new customers within 300 feet of their respective present lines, except that when a customer locates within 300 feet of the lines of both, the customer shall have the choice.

3. For all territory more than 300 feet from the lines of both the Utilities Commission, as soon as practicable after Jan. 1, 1966 shall assign such territory among the power companies and the cooperatives in accordance with public convenience and necessity (criterion to be worked out) and upon such assignment the power companies or cooperatives shall be obligated to furnish service to all applicants within their assigned territory at standard rates, enforceable by the Commission.

4. The Commission shall have continuing jurisdiction to order either party to serve any specific customer, even though such customer is in the territory assigned to within 300 feet of the other, upon a finding of public interest (criterion to be worked out).

5. There shall be a prohibition against discrimination as to rate and service upon the part of cooperatives similar to that applicable to public utilities (enforcement details to be worked out).

6. No electric supplier shall construct a generating facility without a certificate from the Commission. (Certificate criterion to be worked out.) There will be a six months provision as to hearing and decision, and direct appeal to the Supreme Court.

7. The cooperatives will be subject to the same statute as the power companies with respect to payments or inducements to secure business, which was enacted in 1963.

8. All cooperatives, with the exception of Ocracoke and Cape Hatteras, shall be required to pay all city and county ad valorem tax and all State taxes (except State income tax), or equivalent payments in lieu of such taxes, on all properties of the cooperatives on all business done by the cooperatives within the State of North Carolina from and after Jan. 1, 1967. Credit will be worked out for gross receipts taxes now being paid on wholesale rates.

9. All cooperatives will file with the Utilities Commission, for information purposes, their rates, schedules and service regulations and all additions and amendments thereto.



# Your Housepower Is Up To You

IS THERE anything in your home which you use more often than electricity? It works for you 24 hours a day, lighting your home; operating the heating system; helping to prepare and preserve food, to clean your house, to do the laundry; bringing you music and entertainment. No wonder electricity is taken for granted, and little thought is given to the unseen wires and devices which carry and control electricity in your home. Actually, your home wiring system governs the degree of efficiency, economy and convenience with which you can use electric service and electrical equipment.

Each time you touch a light switch, or start an appliance, you pay and use electricity. It is sent to your home by way of the power lines which are built, owned and maintained by your cooperative. You and you alone are responsible for how well electricity serves you after it reaches your home—and for the system which carries it through the house. This is your private electric system. Electric service can be compared with water service in cities and towns—for electricity flows along the power lines, and then along the wires in your home, just as water flows through the public water mains and then through your home's plumbing system.

You wouldn't think of installing an extra bathroom without making sure the pipes are large enough to carry plenty of water. Yet many people purchase and try to use additional electrical equipment without giving a thought to the capacity of their homes' electrical systems.

A common mistake made in homes built during the past 20 years has been to underestimate the use which would be made of electric service during the life of the house. As a result, many homeowners have never had full benefit from electric service.

All of your present and future use of electric service depends upon the capacities of your service entrance wires and equipment. If either one is too small, a single new major electrical appliance, such as an electric clothes drier, an electric range, or even a dishwasher, may make it necessary to replace the entire service entrance with larger wires and equipment.

Electricity cannot be stored. It comes in only as it is used. No matter how large the electric service entrance is, no more current comes in than your lights and appliances require—and you never pay for more than you use.

Recommended capacities for service entrance wires and equipment have been worked out by electrical engineers, after long and careful study of electrical use by average families over periods of years. In most cases, electric service entrances based on these recommendations will be "large enough."

The number of branch circuits in your electric system and the size of the wires in these circuits determine how efficiently electricity can operate your lights and appliances after it has passed through the electric service entrance.

Lights and appliances are designed to perform properly when receiving specific amounts of electricity at full voltage (pressure). When your electric system does not contain enough branch circuits of proper size wires to accommodate all of your electric equipment and lamps, it becomes overloaded. Then, instead of flowing smoothly, at full voltage, electricity is wasted through useless heating of the wires. Its voltage is reduced,

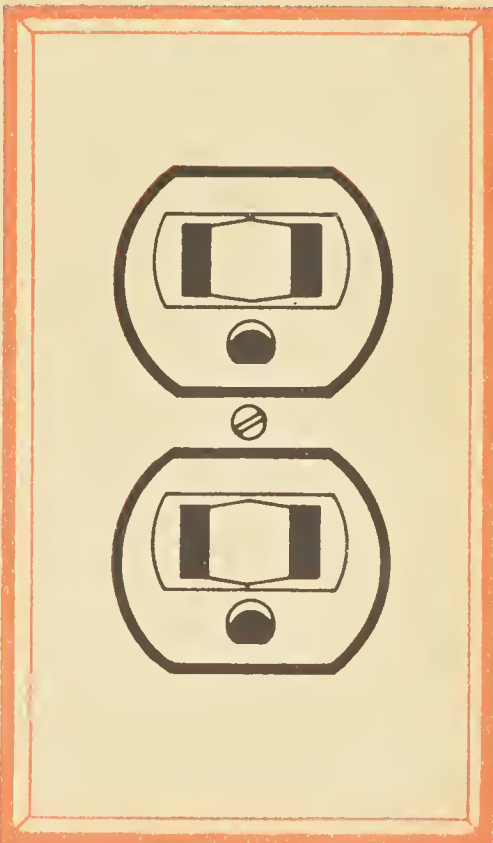
just as water pressure is reduced when too many faucets are drawing water from one pipe.

You can recognize the symptoms of overloaded circuits when you see the lights "blink" as the refrigerator or another appliance starts; when your iron, toaster, and other small heating appliances operate slowly; when motors seem sluggish and have difficulty in starting. You may have blamed your cooperative, thinking it was not providing adequate electric service from the power line, when all the time the fault was in your own electric system. Remember, you pay for electricity according to the length of time it is used. When appliances are slowed down, they must work "overtime."

About the best advice we could give would be that you get the assistance of the trained personnel at your co-op office or contact a competent electrical contractor.

Many co-op members have said that their improved wiring system has paid for itself over a period of a few years. This has come about by faster heating of appliances and the absence of heating in the wiring system that is not overloaded.

Right now, at the beginning of this new year, is a good time to take stock of your wiring system and of your future needs for electricity. ◀







The winter landscape is lonely and barren, but inside, the hearth glows warmly and sets the mood for companionship.

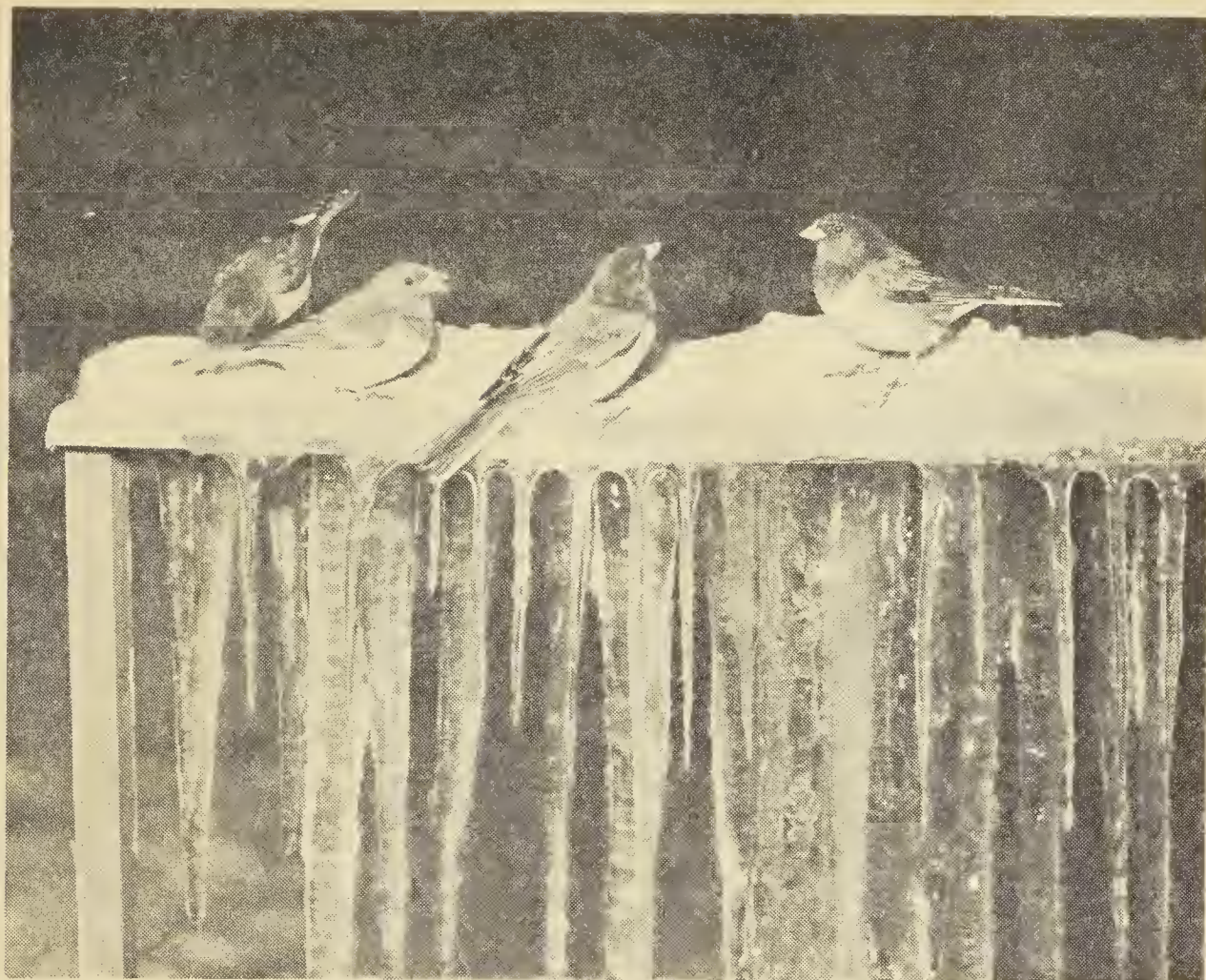
## When Winter Comes..

*A Photo Essay by Jack Dermid*



Twisted oaks, waiting patiently for life-renewing spring, etch a pattern of black and white against the sky.





Most snowflakes blanket  
the woodlands with quietness,  
but those that drift  
into a rushing stream  
disappear into nothingness.

Hunger stalks wild  
creatures when the land  
is sealed in ice and these  
juncos find nourishment  
on a feeding station.





*New uses for electricity could make today's all-electric home*

# As Old Fashioned as

**T**HE use of electricity by the typical rural consumer in North Carolina has increased by 150 percent during the last 10 years, according to the Rural Electrification Administration.

A comparable increase is expected during the next decade, judging by the new developments emerging almost daily from laboratories and experiment stations. Tomorrow's electrical miracles, says REA, will make today's all-electric model home as old fashioned as the hand pump and the Model T.

Already on the horizon is virtually maintenance-free heating and cooling of farm homes and buildings. A recent discovery showed that passing a direct current through certain metals caused one end to become hot and the opposite end to turn cold. In the not too distant future, it may be possible for metallic units to be mounted inside the walls of buildings to produce both heating and cooling simply by reversing the flow of electric current.

Another possibility, which might find application in the suburbs, involves serving whole blocks of homes from a single, centrally located service area. The center would provide, besides distribution and metering of electricity, such services as heat and air conditioning, dust filtering, waste and sewage disposal, water supply, communications, and even cooking energy and entertainment.

It is anticipated, of course, that more conventional forms of electric house heating also will do much to raise power consumption during the next few years. The Federal Power Commission predicts a 1,250 percent increase in

the total number of electrically heated homes built in the United States by 1980. And there continues to be a substantial market for electric space heating in older homes. The last census, in 1960, disclosed that there were twice as many homes heated by wood fires as by electricity.

A leading contender in the house-heating race is the heat pump. While relatively few are in operation so far, the demand for these efficient heating-and-cooling devices is increasing fast. According to one estimate, at the end of the 1960's, fully 25 percent of all residential electrical heating will be from heat pumps, as compared with 11 percent in 1960.

Another boon for the North Carolina householder is the growth in the number of portable cordless appliances, ranging now from battery-powered lawn mowers to swizzle sticks. Key to the cordless gadget is the improved rechargeable battery, particularly the nickel-cadmium battery, which can be recharged hundreds of times at a faster rate than the conventional version. Among the newer portables using such batteries are TV sets, shoe polishers, typewriters, and hedge trimmers. And best of all from the point of view of the co-op power supplier, the batteries can be recharged at night when demand for electricity is at its lowest.

Tomorrow's farmer in North Carolina also will be using electricity in new and profitable ways. Electric light traps may perform many of the functions now accomplished by pesticides, without any of the attendant risk. "Black light" bulbs, placed over an elec-

trically charged grid, attract many insects to instant electrocution before they can damage plants or lay their eggs. By varying the wave lengths of the light, researchers have learned that they actually can attract the species they want to destroy. Further, electrically powered "sentinel" posted over farmlands can detect a new invasion from the insect world and warn the farmer in time to meet it.

The wearisome task of feeding livestock will be all but eliminated through developments in automatic feed distribution. Ground feed will be blown through underground pipes from the storage bin or grinding and mixing plant directly to the livestock. Ground feed carried in such an airstream behaves much like a fluid, and refinements in the system may lead to fully automated, pushbutton control of all farm feeding operations.

Farm animals also may lead better and more productive lives thanks to new findings by researchers. Recent studies show that where temperature and humidity are controlled in animal houses, production goes up. And destructive diseases, such as sacculitis in turkeys, may be eliminated through environmental control. Electricity already performs a score of useful tasks in the up-to-date poultry house, including timing, watering, feeding, ventilating, and even collecting eggs. It hatches eggs and broods chicks. It also can cool eggs, clean them, grade and candle them, although it still can't lay an egg.

Electric treatments have proved successful in making farm

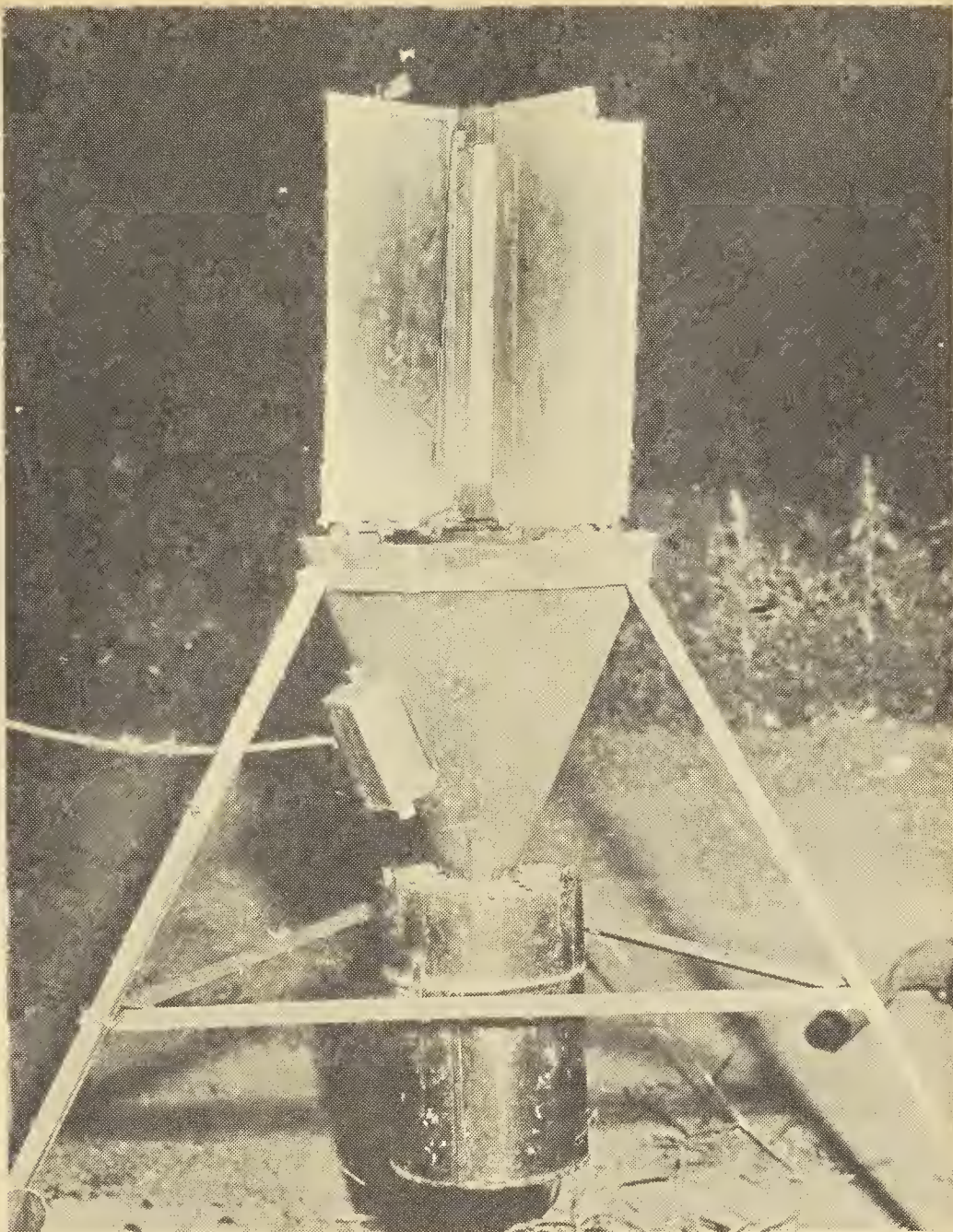


# odel T

re porous so that it will absorb  
re irrigation water in less time,  
al in altering the character of  
sits contained in water so that  
ly will recombine more easily  
al become water-soluble. To ac-  
mplish this, metal electrodes  
a driven into the ground at each  
est of a field and an electric cur-  
nt is passed through the soil.  
The low voltage eliminates any  
ossible hazards to farm workers.  
When the process is completed,  
sits injurious to plants may be  
leached from the soil with drain-  
a water.

Kerfless" sawing of wood also  
ry be just around the corner.  
The kerf is the slot produced in  
the wood by the thickness of the  
saw blade, and all it produces is  
sawdust. At least two techniques  
for eliminating wasteful kerfs are  
under investigation now. One uti-  
lizes the laser, a strange inven-  
tion developed in 1960, which pro-  
duces an intense beam of highly  
concentrated light. When focused  
to its minimum diameter, the beam  
produces a power density in excess  
of 1,000,000 watts per square cen-  
timeter — a concentration suf-  
ficient to vaporize all materials,  
like Buck Rogers' old disintegrator  
gun. But recent tests indicate that  
the laser can be controlled and  
that it can be used to machine  
wood. The other woodcutting  
technique uses a thin jet of water  
under 50,000 pounds pressure. The  
deadly "knife" of water travels  
at a speed of 3,000 feet per second  
and can slice wood as well as con-  
siderably tougher materials.

Many of today's discoveries, of  
course, will fail to make the grade  
in America's tough consumer mar-  
ket, but others, which may have an



"Black light" traps like this one are already being used to control insects in North Carolina.

uncertain future now, could sur-  
prise production men and capture  
the public fancy. It is worth re-  
membering that the portable tele-  
vision set and the clock-radio both  
were given a less than 50-50  
chance of succeeding by the mar-  
ket forecasters.

Already past the drawing board  
stage, but still seeking consumer  
favor, are such recent inventions  
as the TV that fills a wall, the  
electric hairbrush, electric de-  
odorizers, whole walls that glow  
with light, an electric cesspool,  
a window cleaner, electric stair-  
ways for homes, air-conditioned  
hats for farmers, electric potato  
peelers and even an electric de-  
vice to call worms to the surface

of the ground for the benefit of  
fishermen.

Whether these developments or  
others make the grade, electric  
power sales on a national scale are  
expected to reach one trillion, 310  
billion kilowatt-hours by 1970, an  
increase of 92 percent over 1960.  
And REA estimates that the en-  
ergy input into its borrowers' lines  
will nearly quadruple by 1985.  
That year, input into REA-fin-  
anced systems will reach 154 bil-  
lion kilowatt-hours of power, in-  
cluding 4.3 billion KWH into dis-  
tribution systems in North Caro-  
lina. And the rapid growth in  
power use shows no sign of slow-  
ing down. The potential is as limit-  
less as man's imagination.



# How To Be A More Carefree Cook

*in  
your choice  
of six easy  
lessons*



No one has to tell Mrs. Jack O. Williams, a member of Carter Craven EMC, why electric cooking is the best. She knows it's the cleanest, coolest, fastest way to prepare a meal. And she knows she can count on uniform heat to give constant results.

You can bet that appliance manufacturers listen to homemakers when they speak their minds. A while ago, the leading range manufacturers made country-wide surveys on ranges and the answers showed that women want their next buy to be easy to use and easy to clean. The 1965 electric ranges have fulfilled these demands.

More ovens have gone up to eye-level with easy-to-read, "right-before-your-eyes" controls. More electric ranges come with double ovens, timers simpler to set. You can have a choice of pushbutton or infinite heat controls. More have automatic roasting to cook meats to the family's liking and hold it that way until serving time without any attention. Broiling is done to taste with a twist of a dial. Automatic rotisseries triple an electric oven's use. More models have an automatic "pot watcher." If you've hankered for the return of a warming shelf or oven, you

can find several new ranges with this useful feature. Cleaning's no longer a chore: it's automatic or cut to a minimum in 1965; most models practically come apart for washing at the sink.

## Eye-Level Cooking

The one-piece high-oven consoles have style, the "look" of built-ins with ovens and controls at eye level. They require no special installation and are becoming ever more popular. They're available in two types: a) those with single or double oven to set on a special cabinet or hang from the wall and b) the free-standing style with one high oven and one oven under the surface units.

The former come in 40" double-oven models, one large oven and one small, side by side. Doors have etched glass windows and swing out or slide up. The same type in 30" width has a large single oven. The surface cooking units are either stationary, or pull out like a drawer, which lock in place for

use and push back, out of sight when you're through cooking.

The free-standing type has two ovens, one at eye level, the other built under the surface unit. One model even has a warming shelf. These ranges bring surface cooking to an easy 32" to 36" working height. Ventilating hood are available for either type.

## Compact One-Piece Drop-Ins

A boon to homemakers with limited kitchen space is the inexpensive, space-saving, one-piece drop-in. Its trim chrome edgings give it a built-in look. Available in widths from 21" to 30", some models drop into place between two cabinets, requiring only the addition of a panel below the oven to match your cabinets; others go full length to the floor and simply slide into place. Surface units are flush with countertops on some, recessed on others.

## The Versatile Built-Ins

Always popular for looks and work-height convenience are



piece ranges with the oven  
t into a cabinet or wall and  
face cooking tops built in  
ever convenient—in a counter  
the oven, across the room or  
an island setting. Ovens can  
at the height that's right for  
; they come single or double,  
to 40" wide, with doors that  
down, up or out at center.  
ing tops range in width from  
to 36" in 4-unit models, 12" to  
in two units. Another single  
oven model has an extra  
er underneath to double the  
fulness of the single oven. New  
1965 is the self-cleaning wall  
—the ultimate in flameless  
ing.

### Free-Standing Models

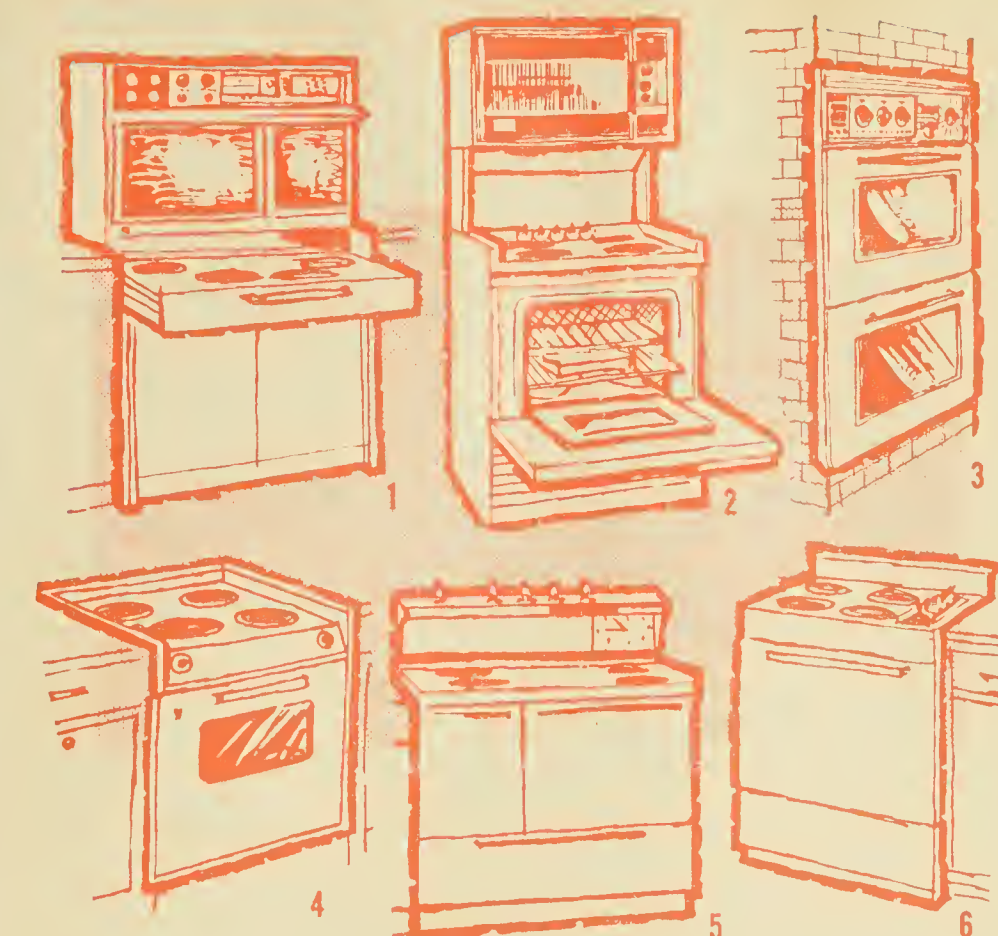
Free-standing electric  
es for 1965 are handsomely  
igned, with chrome and other  
ecorative effects handled with  
simplicity than in the past.  
en-cut lines, simplified control  
ls, and straight corner design  
it lining up flush with cab-  
e for the smart "built-in" look.  
re available in a wide variety  
izes from 20" to 40", with  
ne or double ovens, in white,  
ls, wood tones or chrome,  
a choice of automatic con-  
nances to suit your needs and  
pocketbook. For the home-  
ar who often feels the need of  
or than four surface units, it  
ay be well to consider two 30"  
ns.

### 1965 Automatic Features

Women who cook electrically  
without being told that it's  
cool, and that they can  
on uniform heat to give con-  
results. Others should try  
st once. But beyond this,  
tional changes have occurred  
at we didn't dream were pos-  
a few years back. They make  
ing attention by the cook  
essary, yet turn out superb  
s. Here are some of the  
t cook "minders":

Ovens with automatic roast  
meters that cook meats to  
internal degree your family  
es — rare, medium or well-  
They signal the cook when  
ast is ready; some keep it  
automatically at 170° without  
r cooking until the cook's  
to serve it.

Ovens with plug-in rotisserie  
ments to barbecue meat and  
turn out shishkebabs one-



Choice of electric ranges for 1965 includes: 1) High-oven range with two eye-level ovens; it sets on cabinet or hangs on wall. 2) Free-standing double-oven range with one oven at eye-level, one below. 3) Built-in double ovens to be used with separate built-in eyes. 4) One-piece built-in range. 5) Free-standing unit with two ovens. 6) Free-standing model with single large oven.

third faster, and do the basting.

...Broiling to the taste at one level. Some new models adjust the heat with a turn of a knob from searing to finished cooking without having to lift a finger to move racks.

...Not new but simplified and improved are timers that start meals and cook them while you're away from home.

...Ovens with picture windows of plain, etched or black mirror glass have a light which you can switch on to see what's cooking and how.

...Ovens with more usable space to let you cook for the family or for a crowd.

...Top surface units that take less than 30 seconds to reach full heat; units that adjust the heat to the size of the pan; and a thermostatically controlled unit that makes ordinary pots and pans work like automatic utensils. You can set this one to simmering a stew and know that it won't go up

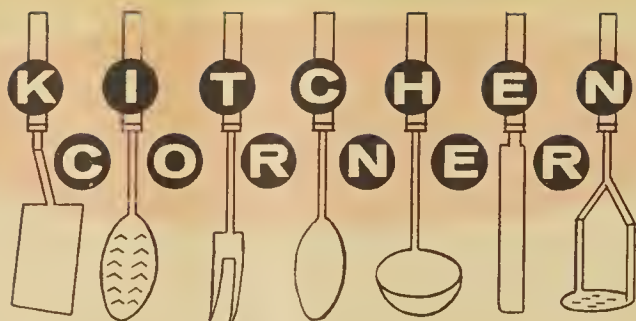
to a boil behind your back.

...Griddles that fit over automatic units; appliance outlets that start the coffee in the morning while you have an extra 40 winks.

And here's how manufacturers took heed of the cry for easy cleanability: a self-cleaning oven that burns off soil at high heat; teflon oven liners that wash like china right at the sink; oven liners that pull out; oven liners of foil that take just minutes to pull out and replace. Lift-off doors and racks, oven elements that come out or lift up. Recessed surface cook tops that keep spillovers from running down the front of a range or those that lift up for cleaning. Control knobs, drip bowls, trim rings, elements that tilt up or come out—all make cleaning a breeze compared to the elbow grease we used to need.

You're a good cook now but you'll be even better, with a lot less effort, with a 1965 electric range. ◀





## Oh, dear... Deer!?!

"I would like to share an idea which may not be new, but I have never seen it in print before—a recipe for barbecued venison. Last winter, we found ourselves with a quantity of deer meat in our freezer. We had fried venison steaks as long as the supply lasted, but the other cuts were usually left over. One day I tried just a small portion with a sauce meant for spareribs, and I haven't been worried with leftovers since!"

Mrs. Millard Gay of Jackson submitted the recipe you'll find below almost 2 years ago, and how it failed to show up on these pages before now is beyond us. Anyway, we were delighted to come across it in our files, 'specially since so many of you have written recently wondering what to do with all the deer meat the hunters have been bringing home this winter. Mrs. Gay's tangy suggestion should put an end to all your worries.

Mrs. Gay, a member of Roanoke EMC, writes that she first boils the venison in lots of water with salt, a red pepper boll and ½ teaspoon sage. When the meat becomes tender, she removes it from the water and either slices it and removes the bones or leaves it whole, whatever suits her needs at the time.

To save Mrs. Gay's recipe, just clip along dotted line, paste on a 3 x 5 card, and file in your permanent recipe file.

If you have a favorite recipe you'd like to share through this column, send it to: The Carolina Homemaker, P. O. Box 1699, Raleigh, N. C. If you have a snapshot of yourself, send it along, too. And don't forget to include something about yourself and your family: the size of your family, what pleases them most at mealtime, the clubs you belong to, the name of your EMC, and anything else you'd like to share with us.

### CAROLINA FARMER RECIPE

Submitted by Mrs. Millard Gay  
Jackson, N. C.

### VENISON BARBECUE SAUCE

- |                       |                                      |
|-----------------------|--------------------------------------|
| 1 cup water           | 2 tablespoons lemon juice            |
| ½ chopped onion       | 2 tablespoons brown sugar            |
| 2 tablespoons butter  | 2 tablespoons Worcestershire sauce   |
| 2 tablespoons vinegar | dash of salt                         |
| 1 cup tomato ketchup  | dash of black pepper                 |
|                       | 1 tablespoon dry or prepared mustard |

Melt butter in skillet, add onions, and brown slowly. Add other ingredients and let simmer for about 5 minutes.

Place pre-cooked venison in baking pan. Pour sauce over the meat and place in a moderate oven (350° F.) for approximately 30 minutes.

This amount of sauce is enough for about 4 lbs. of venison.

## INCREASE YOUR MILK PROFITS

Clipped cows mean more money—less sediment—lower bacteria count—higher quality milk—cows stay clean

Clip with the fastest, most powerful animal clipper made...

**Sunbeam STEWART CLIPMASTER**  
Animal Clipper  
Cat. No. 510

**FREE CHART**

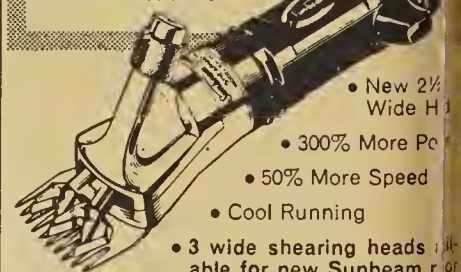
"Where to Clip for Higher Quality Milk" (Write Sunbeam Co.)



## ANNOUNCING

Major developments in sheep shearing equipment

**Sunbeam STEWART SHEARMASTER**  
Professional/Home Sheep Shearing Machine  
Cat. No. EW310



• New 2 1/2" Wide Head  
• 300% More Power  
• 50% More Speed  
• Cool Running  
• 3 wide shearing heads available for new Sunbeam

© SUNBEAM, STEWART, CLIPMASTER, SHEARMASTER  
**FREE COMPLETE CATALOG — WRITE SUNBEAM CORPORATION**  
5400 W. Roosevelt Road  
Chicago 50, Ill., Dept. CB-RE

## NEW WAY TO RAISE \$ AND MORE! IT'S EASY.

**For Your Church or**  
Your group can raise all the money easily, quickly, without leaving your group a supply of luxurious Prayer Grace advance. Exquisite de prayer texts set a graceful mood at meals. Have 10 each sell 20 packages; keep 1 treasury, send me balance of p  
**Never Spend 1c of Your Own**  
Take up to 60 days; we give credit. You risk nothing to try my tested plan, used by over 100,000.  
**FREE** Rush name and address now for sample napkins, details of my Plan which brings you fast cash for your group, sent free, no obligation whatsoever.  
Anna Elizabeth Wade, Dept. 0000, Lynchburg, Va.  
Anna Elizabeth Wade, Dept. 692BA, Lynchburg, Va.



*just 'tween  
you and me*



.. by Jennie

## *That Was the Year That Was*

welcome, 1965! With a calendar full of bright new  
in store, I think this is a good time for me to  
g you up to date on the status of your TEMA  
men's Committee and the various local co-op  
men's committees which represent you—and thou-  
s of Tarheel women like you—who are interested  
active in preserving the co-op way of life.

As you know, it was just short of two years ago  
month that a women's auxiliary was organized  
the purpose of wielding rural electric women into  
al, effective force in the fight to preserve and  
ance the cause of rural electrification in North  
Carolina. Since that beginning early in 1963, the roll  
of women who have joined our ranks has grown  
exceedingly, their activities have increased and pros-  
pered, and the results they have achieved have re-  
ceived national recognition.

Living made news in 1963 by becoming the first  
rural electric women's group in the nation to re-  
ceive official sanction, the women on your statewide  
committee determined to make headlines again in  
1964. And they did!

Meeting the challenge to unite and preserve that  
which is theirs by right, women across the state have  
joined together to organize local women's commit-  
tees in 15 of the 32 areas served by rural electric  
co-ops incorporated in North Carolina. With mem-  
bership ranging from 3 to 17, these committees have  
been meeting regularly—in co-op office buildings,  
community centers, and private homes—to discuss  
the history of their cooperatives, the principles upon  
which they were founded, and current problems fac-  
ing the rural electric program today.

Realizing that the life of their rural electric co-ops  
is intricately bound up with the life of the commu-  
nities they serve, these co-op women have not con-  
fined their activities nor limited their objectives.  
Mrs. W. W. Bulluck of the Woodstock EMC Women's  
committee (in Beaufort, Hyde, and Washington  
counties) reports that her organization worked vigor-  
ously to promote the recent school bond issue and  
worked hard last fall for improved rural roads.

Mrs. Mildred Keen, staff representative for the  
Socoke EMC ladies' group (representing Bertie,  
Hertford, Gates, Halifax, Hertford, Northampton, and  
Perquimans counties) reported that the women on  
her committee put in long hours during the weeks  
ending last Nov. 3rd distributing campaign ma-  
terials and discussing election issues with interested  
people in their communities. "Our ladies are doing a  
terrific job of public relations . . . we can defi-  
nitely see quite a difference in the acceptance of the  
cooperative way of life." The REMCO Women's Com-

mittee, organized through the authority of the co-op's  
official board, recently presented its first semi-an-  
nual report to the Board of Directors and received  
its stamp of firm approval.

Mrs. J. J. Malpass, president of the TEMA state-  
wide Women's Committee and chairman of her local  
committee, reports that the ladies of Four County  
EMC are meeting once each quarter, rotating their  
meeting places for the convenience of members rep-  
resenting a 5-county area. The Four County commit-  
tee took an active part in local drives to "get out the  
vote" last fall. They are currently working on the  
idea of a "Good-for-All-Americans" program in their  
locality.

Haywood EMC (serving in 5 Tarheel counties)  
presently has 6 on its Women's Committee, which  
meets monthly. Mrs. Frank C. Harris, committee sec-  
retary, reports that the Haywood group originated  
and sponsored a beauty contest in conjunction with  
their co-op's annual meeting and the celebration of  
its Silver Anniversary last August. The contest was  
so successful, they are already making plans for an  
even bigger pageant next year. Besides maintaining  
a clipping service of newspapers in Haywood's ser-  
vice area, these ladies have sponsored joint meetings  
with other organizations to refute anti-REA charges  
and attacks, such as the now infamous Reader's Di-  
gest article which drew national attention last year.

On the national scene, Mrs. Helen Carlton, wife  
of Carteret-County EMC Manager W. C. Carlton,  
traveled to Niagara Falls last November to appear  
on a panel of women who had gone overseas with  
their husbands on survey trips for the National  
Rural Electrification Association and the Agency for  
International Development. The panel discussion  
dramatically revealed the active roles these women  
played in helping to "export the REA pattern" to  
underdeveloped countries in South America. Another  
North Carolina representative at the NRECA reg-  
ional meeting in Niagara was Mrs. Mayo Cherry, a  
member of Edgecombe-Martin County EMC's Wo-  
men's Committee. Mrs. Cherry was there to describe  
the efforts being made in our state to rally women  
to the rural electric cause and to help evaluate this  
project as a guide for other states seeking to initiate  
similar programs.

So, you see, 1964 was a busy year for rural electric  
women all over Tarheelia . . . women who know and  
appreciate the benefits of cooperative living and who  
are striving to preserve the foundation upon which  
that way of life is built . . . the freedom of individ-  
uals to help themselves help each other.

We wish them well in 1965!



# Free Patterns



## HEIRLOOM STATUS

... that's what this beautiful hollyhock patchwork quilt rates! You can put little pieces of the happy moments of your life into this project... a piece from your daughter's out-grown pinafore... or a cherished square of a baby's blanket. It's sure to be passed down happily from generation to generation. For free directions, send in your request for Leaflet No. 221, along with a stamped, self-addressed, long envelope, to: The Carolina Homemaker, P. O. Box 1699, Raleigh, North Carolina.



## COZY WARMTH

... will fill your home when you display this delightful flower-strewn afghan! Done in three shades of long wearing knitting worsted, with the luxury of a raised design. It looks every bit like a family heirloom, yet it is so easy to do. Worked with individual motifs, the completed afghan measures a very generous 52 x 78 inches. For free directions, just send your request for Leaflet No. 233, along with a stamped, self-addressed, long envelope, to: The Carolina Homemaker, P. O. Box 1699, Raleigh, North Carolina.

To: The Carolina Homemaker  
P. O. Box 1699  
Raleigh, N. C.

Please send me without charge the pattern instructions that I have checked below. I am enclosing a long, stamped, self-addressed envelope.

\_\_\_\_\_ Leaflet No. 233 \_\_\_\_\_ Flower Afghan

\_\_\_\_\_ Leaflet No. 221 \_\_\_\_\_ Patchwork Quilt

My Name Is \_\_\_\_\_

Address \_\_\_\_\_

Comment, If Any \_\_\_\_\_

The Name of My EMC Is \_\_\_\_\_

(Your Electric Membership Corporation)

This Offering of Patterns Expires May 1, 1965

# Family Fare

by ERMA ANGEVINE

Coordinator of Women's Activities, NRECA



I saw the little boy just as I crossed the street was leaning against the tree on the corner, his buried in his arms. I supposed he was "It" in a hide-and-seek game until I came nearer. He was sobbing. He was just a little fellow and his whole body shuddered with sobs.

His tear-stained face lifted to mine as I put a hand on his shoulder. Big black eyes, brimming with tears, met mine. He wasn't frightened. His crying was not lorn, hopeless.

"What's the matter, fellow?" I asked, hoping to find some clue to his unhappiness.

"I wanta go to school," he wailed, pointing across the street to the red brick elementary school.

"Are you afraid to cross the street?" With a negative head shake, he sobbed again, "It's not my turn."

I looked at the street light which must have turned red and green several times and knew he could mean that.

"Do you mean you aren't big enough to go to school yet?" Again the head shake, "No, it's not my turn today."

His words were sobbed out, yet the effort to control was helping him regain control. I took his hand and suggested we walk around the block together. He moved quietly along with me, his sobs decreasing in number.

As we walked and he sought control, I looked over. He was about six or seven years old. He was dressed in a clean much-patched shirt and pants, and he was barefoot. The day was crisp. I was cool in the shade even wearing a warm sweater.

"Do you like school?"

I asked my question to get my young friend to talk. He did. His face was transformed, eyes shining. Words poured out. He loved his teacher, the very schoolroom, his desk, the other children, all the places he heard about, new words he learned, everything. School was the most exciting place in his whole world.

There was just one thing wrong. His brother needed to wear the shoes and coat every other day. He couldn't go to school on the same day his brother went. Today was his brother's day to go to school. His mother said some day they'd both have shoes and coats, but not yet. His voice had a proud ring as he quoted his mother.

I watched the boy start off toward home, small and unprotected, eager for knowledge, held back by poverty.

Where is the anti-poverty weapon that will help him?



# NEEDLE NEWS



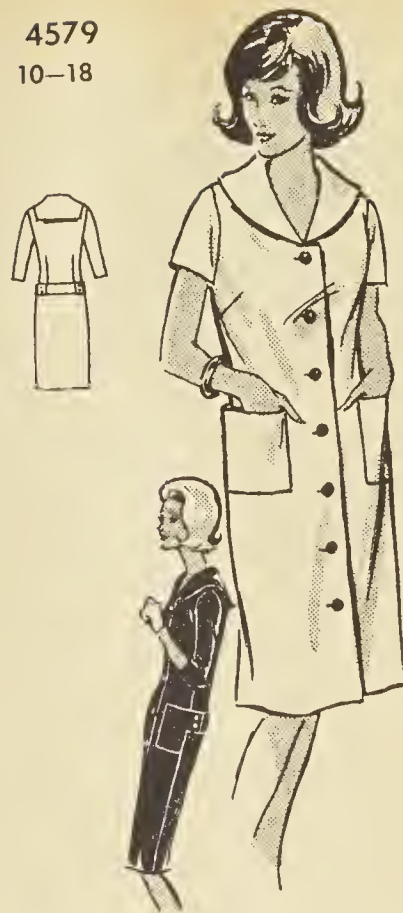
**4828**  
2-10

**4684**  
14½-26½



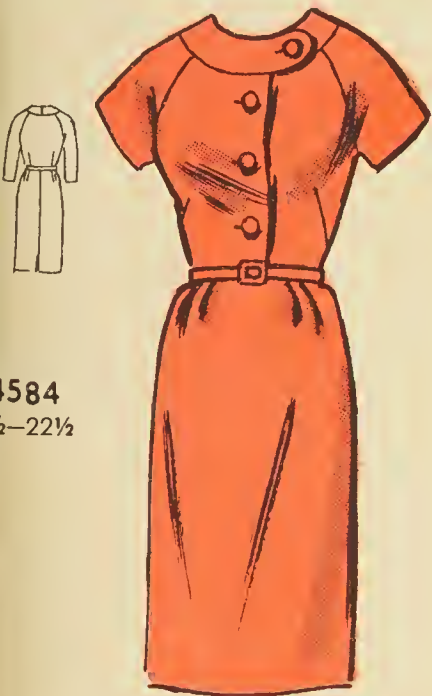
4684—Classic shirtdress, smart collar, gored skirt. Printed Pattern in Half Sizes 14½-26½. Size 16½ takes 3¾ yards 35-inch fabric. 35¢

**4579**  
10-18



4579—Delightful coatdress with low back belt, pockets. Printed Pattern in Misses' Sizes 10-18. Size 16 takes 3¾ yards 35-inch fabric. 35¢

4828—Even a beginner can sew this fun dress for daughter. Start now! Printed Pattern in Child's Sizes 2, 4, 6, 8, 10. Size 6 takes 1¾ yards 39-inch fabric. 35¢



**4584**  
½-22½

**DRESS PATTERNS 4684, 4584, 4579, 4828 are THIRTY-FIVE CENTS each. NEEDLECRAFT PATTERN 7076 is TWENTY-FIVE CENTS.**

Add 10¢ each for 1st-class mailing. Send orders (with coin) to:

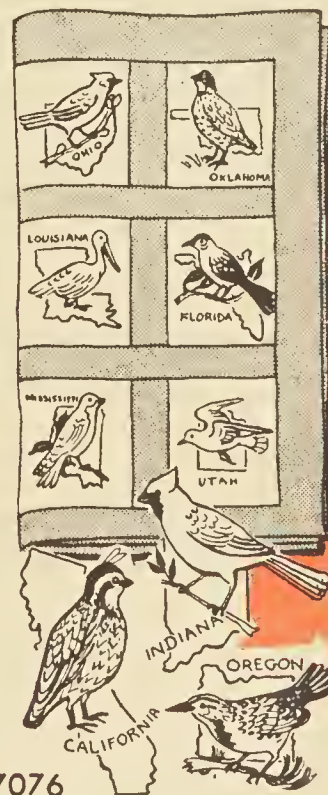
**CAROLINA FARMER,**  
Box 42, Old Chelsea Station,  
New York 11, N. Y.

## PATTERN CATALOG



Spring and Summer  
1965

**SWING INTO SPRING! CHOOSE YOUR FIRST SPRING-SUMMER PATTERN FREE from 350 design ideas in new Spring-Summer Catalog of Printed Patterns. See sun, sport, date, dance, Easter fashions—all sizes. Send 50¢ NOW.**



**7076**

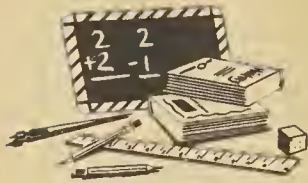
7076—Embroider birds of every state on separate blocks; join blocks for a most unusual quilt. Diagrams, transfers of all 50 state birds. Quilt 72 x 110 inches. 25¢

4584—Be poised for spring in a streak-sheath with band neckline. Printed Pattern in Half Sizes 12½-22½. Size 16 takes 3⅞ yards 39-inch fabric. 35¢



# Should a Teenager Drop Out of School

## Just Because He Is Offered a Job With Good Pay?



"No . . . a high school education means more than good pay. Once you have a good education, no one can take it away from you. A job, no matter what the pay, is never that sure. You can't get today's jobs with yesterday's education. An education means more to me than all the money in the world."

Cleveland Rushing  
Rt. 1, Box 11  
Marshville, N. C.

A sports enthusiast, Cleveland says that he enjoys basketball, football, and track events. He goes to West Deep Creek High School. Cleveland lives with his oldest brother, Charles, who is a member of Pee Dee EMC.

"No, definitely not! One's education is far more important than money. Every day more and more jobs are requiring that applicants have at least a high school education. A dropout may get a job today, but someday a graduate who's better trained and more qualified may come along and push him out. The pay may be OK now, but what about later on? Most high school dropouts regret later that they passed up the chance for an education. Don't be the one who regrets, be the one who gets."

Willa Grey Hurley  
Rt. 2, Box 254  
West Jefferson, N. C.

Willa Grey writes that she enjoys reading, skating, and popular music. Her mother, Mrs. Julia Hurley, is a member of Blue Ridge EMC.

"I feel that a teen should never quit school to take a job, even one offering good pay. His further education, which will result in increased earning power, will mean more to him in future years. A good education enables a person to get and to hold an excellent job. High school and college graduates earn many more dollars than dropouts, who are the last ones hired and the first ones fired."

Louise Phillips  
Rt. 1, Box 228  
Morven, N. C.

Louise is 17 and a senior at Morven High School. Her hobbies include basketball, sewing, and painting. Mr. and Mrs. Arthur Phillips, Louise's parents, are members of Pee Dee EMC.

"No, I don't think a teenager should drop out of school to take a job with good pay. Right now, education is one of the most important requirements needed to get a job. If a teenager remains in school, he can get a better job later on in the future—perhaps even better than the one offered him before. I, myself, didn't realize this when I dropped out of school. But I see now that I have made a big mistake."

Ruth Helen Locklear  
Rt. 4, Box 143  
Lumberton, N. C.

Ruth is the 17-year-old daughter of Mr. and Mrs. Will Locklear. She writes that her hobby is dancing. Lumbree River EMC serves Ruth's home with electricity.

### Teen

## ROUND TABLE

If you have a good answer, send it to THE TEEN ROUNDTABLE, The Carolina Farmer, P. O. Box 1699, Raleigh, N. C. at once. Send a photo, too, if you have one, (we can't return it) and a few facts about yourself. Include your parents' name, and the name of the electric membership corporation serving you. If your answer is published, we will send you \$5.

If you want to submit a question, send it along for our statewide panel to answer. For each question used, the sender will get a \$5 check. Jot yours down and send it to us right away.

## NEXT QUESTION

"What should a girl do if her dad's car drives too fast?"

Kaye Jolly of Rt. 1, Hiddenite, N. C., will find a check for \$5 in her mailbox for sending in this question. Be sure and watch for answers in the March issue of The Carolina Farmer. And don't forget to send in yours today!

Kaye writes that she is 16 and a junior at Hiddenite High School. Her parents are Mr. and Mrs. Aaron Jolly. Kaye's home is served by Davie EMC.





Most folks don't have to be persuaded to buy quality products—it's well known that they are almost always the best buy. In the long run, they're often least expensive.

But, though most folks prefer quality products, not everyone knows how to recognize them. In plumbing fixtures, for instance. How do you tell quality? Well, here are a few tips:

A good lavatory is made of thickly enameled cast iron or vitreous china. It will make a sharp click when you strike it with a knuckle, indicating a heavy enamel coating that will stand up under many years of constant use.

Another sign of a good lavatory installation is found underneath the bowl. Are there shut-off valves on both hot and cold supply lines? If so, good. These are important when it is necessary to repair faucets—they mean that water in the lavatory house need not be turned off for the job.

Quality water closets (toilets) show reverse trap flushing action—this means that the water runs out from the rear of the bowl—away from the bowl. This type is more efficient, uses less water and is easier to clean.

The bathtub should be made of thickly enameled cast iron. When

you hit it with your knuckles, you should hear a solid thud. A quality tub won't vibrate when the faucet or shower is turned on—and won't buckle when someone steps in it.

There should be no more than one combination faucet for each fixture. Separate hot and cold fittings are inconvenient and should be avoided. Single control faucets are popular today because they combine the functions of both water temperature and flow into one handy lever or dial.

Quality plumbing installations will pay off over a period of years in longer life, better service and fewer repairs. A qualified plumbing contractor can assist any homeowner in selecting fixtures that will be the best buy.

## Rural Exchange

Rates: 25¢ word cash with order Minimum—\$5.00

### ● BABY CHICKS

HIGH QUALITY — LOW PRICES! Reds, Rocks, Rock-crosses \$3.95—100. "JUMBO" White Rocks \$5.49 COD. Heavy Breeds Straight hatch \$8.90; Pullets \$10.50. "DELUXE" White Rocks, Barred Rocks, Rhode Island Reds, Hampshire Reds, Wyandottes Straight Hatch \$10.90; Pullets \$18.90. Redrock Sexlink Pullets \$21.90; Straight Hatch \$11.90. Silver Cross Pullets \$22.90. Golden Buff Sexlink Pullets \$23.90. "FAMOUS" White Leghorn Pullets \$21.90. "CHAMPION" Pedigreed White Leghorn Pullets (Extra Large Eggs) \$23.90; Straight Hatch \$11.90. White Giants, Black Giants, Buff Rocks, Buff Orpingtons, Silverlaced Wyandottes, Brahmas Straight Hatch \$14.90; Pullets \$25.00. Pekin Ducklings 12—\$4.75. Bronze and White Holland Broadbreasted Turkeys 15—\$12. Beltsville Turkeys \$15—\$10. C.O.D. Live Guarantee fob. RUBY BABY CHICKS, Dept. NCRA7, Virginia Beach, Virginia. (Phone 428-2255).

Free 10 big huskey chicks. Heavy breeds Reds, Rocks, Cornish only \$.85—100. Leghorn Pullets \$24.95. Leftovers \$1.95—100. Guaranteed. Send no money. COD plus shipping. Red Top Chick Farms, R. D. 3, Marietta, Pennsylvania.

Rocks, Reds, Cornish \$3.89—100. Large White Rocks \$5.45. Other breeds \$1.45 to \$5.45. Pullets \$9.99. Before you pay, compare our prices. Guaranteed savings. Customers choice of breeds shown in terrific big free catalog. Shipment from hatchery your section. Atlas Chicks, Home Office, 2651 Chouteau, St. Louis 3, Mo.

### ● EDUCATIONAL OPPORTUNITIES

HIGH SCHOOL AT HOME in spare time with 67-year-old school. No classes. Standard high school texts supplied. Single subjects if desired. Credit for subjects already completed. Progress at own speed. Diploma awarded. Information booklet free . . . write today! American School, Dept. X158, Drexel at 58th, Chicago, 37.

### ● FOR SALE

Government Surplus, how to buy in your state at tremendous savings. "Directory" gives all details. "Catalog" with pictures, prices of over 400 surplus items included. Send \$1.00 Quality Surplus, 422B1 Washington Building, Washington, D. C.

### ● REAL ESTATE

400,000,000 acres government public land in 25 states. Some low as \$1.00 acre. 1965 report. Send \$1.00 National Land, 422RC1 Washington Building, Washington, D. C.

### ● VEGETABLE PLANTS

LIKE SWEET ONIONS? 600 assorted sweet onion plants with free planting guide \$3 postpaid fresh from Texas Onion Plant Company, "home of the sweet onion", Farmersville, Texas 75031.

### ● HOMES

3-Bedroom Home, lifetime aluminum exterior, 100% finished (on your level lot), \$5,995. No down payment. Low monthly payments. Write Huski-Bilt, Inc., 212½ E. Independence, Charlotte, N. C.

### ● HUNTING & FISHING

Collapsible farm pond fish traps. Animal traps. Postpaid. Free information, pictures. Shawnee, 39340 Buena Vista, Dallas 4, Texas.

**SOUTHERN ENGINEERING  
COMPANY  
ARCHITECTS—ENGINEERS  
ATLANTA, GEORGIA**

**GROW YOUR OWN FRUIT**  
Write for Free Copy 56-page Planting Guide-Catalog in color, offered by Virginia's largest growers of Fruit Trees, Nut Trees, Berry Plants, Grape Vines, Landscape Plant Material.  
Salespeople wanted  
**WAYNESBORO NURSERIES**  
Waynesboro, Virginia

**December  
Carolina Farmer  
Circulation  
176,856**

**MIRACLE TOMATO**  
Yields **2 BUSHELS**  
To a Vine

Now—You can grow the world's most amazing Tomato right in your own garden and get from 2 to 3 bushels of delicious ripe tomatoes from a vine.

**BURGESS CLIMBING  
TRIP-L-CROP**

TOMATO grows 16 to 20 ft. high with huge fruit weighing as much as 2 pounds and measuring 6 in. across. Fine, meaty, solid tomatoes, wonderful flavor. Unexcelled for canning and slicing. Outyields all other known varieties. Grows any place.

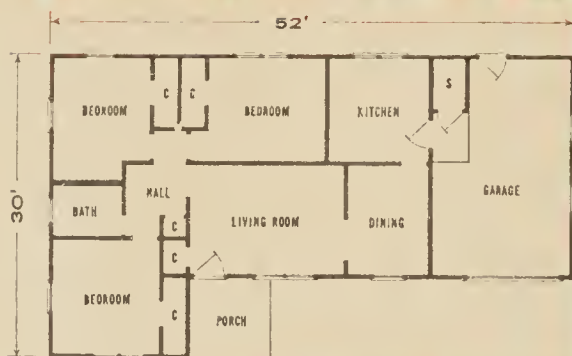
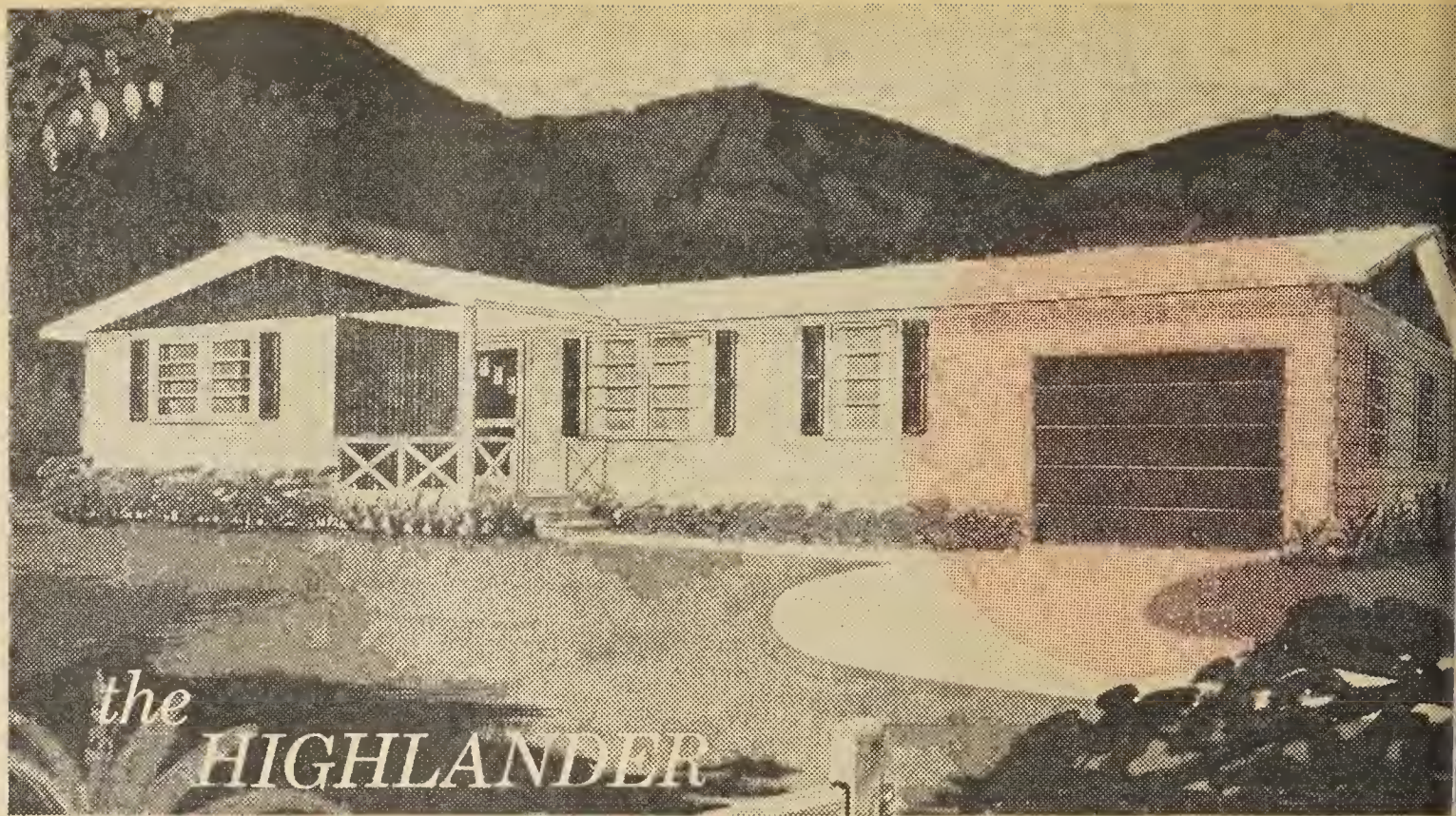
**SPECIAL OFFER**  
Regular 50¢ Pkt. only  
3 for 25¢ (Limit 3 Pkts.)

**10¢**

**FREE: BURGESS Garden Guide Catalog listing unusual Seeds and Plants.**

**BURGESS SEED & PLANT CO.**  
100-K Galesburg, Mich. 49053





**MODERN  
HOMES**  
*Builder of  
Quality Homes*

- 21 NEW DESIGNS FOR EASY LIVING
- LOW PAYMENTS INCLUDE CREDIT LIFE INS.

DROP IN AND INSPECT OUR BEAUTIFUL DISPLAY MODELS,  
WRITE OR CALL US COLLECT AT:

Asheville, N. C.  
169 Tunnel Road  
P. O. Box 1739  
(704) 254-3458

Charlotte, N. C.  
Highway 29 North  
(704) 596-2317

Greensboro, N. C.  
4302 High Point Road  
P. O. Box 3262  
(919) 299-3922

New Bern, N. C.  
P. O. Box 2352  
(919) 637-6196

Wilmington, N. C.  
P. O. Box 926  
(919) 763-1047

Wilson, N. C.  
301 South  
P. O. Box 641  
(919) 237-0541

## "The **NEWEST** one... with the garage!"

Yes, if you've heard about the daring new model just off the designer's drawing board at Modern Homes and haven't had a chance to see what it looks like, well ... here it is—garage and all ... the handsome HIGHLANDER, with its generous proportions, useful central hallway, inviting front porch and weather-tight garage, an outstanding plan for economical comfort and convenience.

More details on this and other fine models await you at our sales office near you. Or phone us for a friendly representative to come out and show you how easy it is to own a Modern Home.

"A DOLLAR AND A DEED  
IS ALL YOU NEED".

Clip and mail this coupon

Send to:  
**MODERN HOMES CONSTRUCTION COMPANY**  
(office nearest you)

☐ PLEASE SEND **FREE CATALOG**

☐ HAVE REPRESENTATIVE CALL. NO OBLIGATION  
MY LOT IS LOCATED IN \_\_\_\_\_ COUNTY.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

PHONE \_\_\_\_\_ IF RURAL ROUTE ATTACH DIRECTOR'S





## What to do until an emergency happens

Emergencies have practically no sense of fair play. And almost always pick the worst possible time to happen.

People seem to prefer the day your insurance lapses to trip on your sidewalk, for example.

And the car usually waits until your bank account registers empty before demanding expensive repairs.

There's no fighting it. But you *can* be ready. By tucking away some reserve funds in U.S. Savings Bonds.

Bonds, themselves, are emergency proof. You can't lose the money you invest in them, even if fire, flood,

robbers or plain carelessness causes you to lose the Bonds.

And when something expensive happens, you can just take them into any bank and get yourself solvent again.

In the meantime, Uncle Sam uses your Bond dollars to handle other urgent matters, like taking care of your freedom.

Buy Bonds where you bank or on the Payroll Savings Plan where you work. Get yourself really prepared and you might even discourage a few emergencies from ever happening.

Keep freedom in your future with

# U. S. SAVINGS BONDS



*The U.S. Government does not pay for this advertising. The Treasury Dept. thanks The Advertising Council and this publication for their patriotic support.*





### Secret Disclosed

Two political candidates were having a fast and furious debate. Finally, one of them jumped up and yelled at the other: "What about the powerful interest that controls you?"

"Listen," angrily yelled the other candidate, "you leave my wife out of this!"

### Save Now, Pay Later!

Salesman: "Madam, you can buy this home freezer for what you save on your food bills."

Housewife: "Yes, I know, but we are buying our car on the bus fares we save, our washing machine on the laundry bills we save, and our house on the rent we save. We just can't afford to save any more right now."

### Grammar—After School!

The teacher wrote on the blackboard: "I ain't had no fun all summer." Then she asked a pupil: "Tommy, what should I do to correct that?"

"Maybe," Tommy suggested, "you could correct it by getting yourself a boyfriend."

### Good Intentions

A little girl, carrying a large package, was walking down the street looking confusedly about her. "Can I help you, my child?" asked a kindly old gentleman.

"Please sir," she asked politely, indicating a cross street, "could you tell me if this is the third turn to the right?"



AL KNAFMAN

EMPLOYMENT AGENCY



### Mild Tragedy

In front of a shop in a small seaside resort, two elderly ladies stopped to pass the time of day. "What's this I hear about somebody dropping dead up your way?" asked one.

"Yes, happened right outside my house," replied the other. "A good bit of excitement for a while, but it wasn't as bad as we thought. Just one of the summer visitors!"

### Wisecracks

... What will today's children be able to tell their children they did without?

... Politics has gotten so expensive that it takes lots of money to even get beat.

... If nobody knows the trouble you've seen, you're not living in a small town.

... Children seldom misquote you; they repeat what you shouldn't have said word for word.

HALE!

### Just Checking

"City Hall," said the switchboard operator. There was no answer for a minute, then a rather nervous female voice asked, "Is this really City Hall?"

"That's right madam," said the operator. "With whom do you wish to speak?"

There was an embarrassed silence. Then the female voice said softly, "I guess nobody. I just found this number in my husband's pocket and I..."

### Hearsay

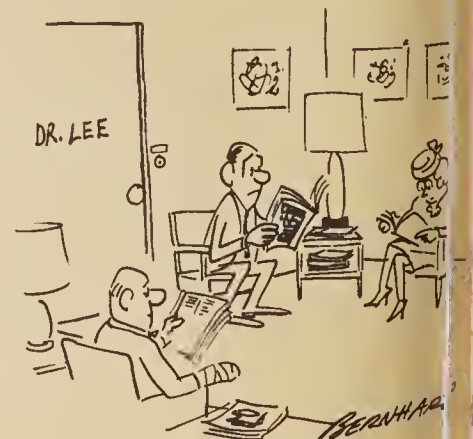
A Department of Health, Education, and Welfare employee, deciding on a poll while vacationing in New England, asked a sweet old lady of 71:

"What do you think of Medicare?"

She replied: "I don't know myself, but I have a friend that tried it and lost 21 pounds."

### Injured Popularity

My younger daughter was 13 when her older sister married. The day after the wedding she was relaxing, reading the accounts of the ceremony in the newspapers. Suddenly, she flung one paper down and said, "My goodness! This one doesn't mention my name, not even as one of the survivors."



"—(Contd. in the issue of Nov. 22, 1959)"



From little acorns mighty oaks grow . . .



... and from sound farm credit



... greater farm profits grow!



### With modern equipment Short & Intermediate-Term Credit

for operating and capital credit needs. Modern agriculture requires modern equipment. Contact your nearest farmer-owned Production Credit Association office.



### ... efficient marketing . . . FARMER CO-OP CREDIT

strengthens your farmer-owned marketing, purchasing and farm business service cooperatives. Contact the Columbia Bank for Cooperatives, P. O. Box 1493, Columbia, S. C.



### and capital improvements. LONG-TERM CREDIT

helps farmers, growers and ranchers improve earnings through improvements, expansion, refinancing, etc. Contact your nearest farmer-owned Federal Land Bank Association.

... all in the family



All your sound credit needs can be met in the family of Farm Credit Service... by farm credit specialists familiar with local conditions . . . at reasonable cost. Use credit to improve profit on your farm. Use your farmer-owned Farm Credit Service for all credit needs.

### Production Credit Association Offices and Federal Land Bank Association Offices in North Carolina

Asheboro, PCA and FLBA  
Averett, PCA  
Beaufort, PCA and FLBA  
Bladenboro, FLBA  
Burlington, PCA  
Cape Fear, PCA  
Charlotte, PCA  
Chapel Hill, PCA  
Clemens, PCA and FLBA  
Columbia, PCA  
Cottonport, PCA  
Crittenden, PCA

Elizabeth City, PCA  
Elizabethtown, PCA  
Fayetteville, PCA  
Goldsboro, PCA  
Graham, PCA  
Greensboro, PCA  
Greenville, PCA  
Henderson, PCA and FLBA  
Hendersonville, PCA  
Hillsboro, PCA  
Kenonsville, PCA

Kinston, PCA and FLBA  
Laurinburg, PCA  
Louisburg, PCA  
Lumberton, PCA and FLBA  
Marshall, PCA  
Monroe, PCA and FLBA  
Nashville, PCA  
New Bern, PCA  
Newton, PCA  
Oxford, PCA  
Plymouth, PCA

Roelord, PCA  
Raleigh, PCA  
Reidsville, PCA  
Richlands, PCA  
Rocky Mount, PCA  
Roxboro, PCA  
Sauford, PCA and FLBA  
Shallotte, PCA  
Shelby, PCA and FLBA  
Siler City, PCA  
Smithfield, PCA and FLBA

Snow Hill, PCA  
Statesville, PCA and FLBA  
Tabor City, PCA  
Torbora, FLBA  
Trenton, PCA  
Wadesboro, PCA  
Warrenton, PCA  
Washington, PCA and FLBA  
Waynesville, PCA  
Weldon, PCA  
Whiteville, PCA

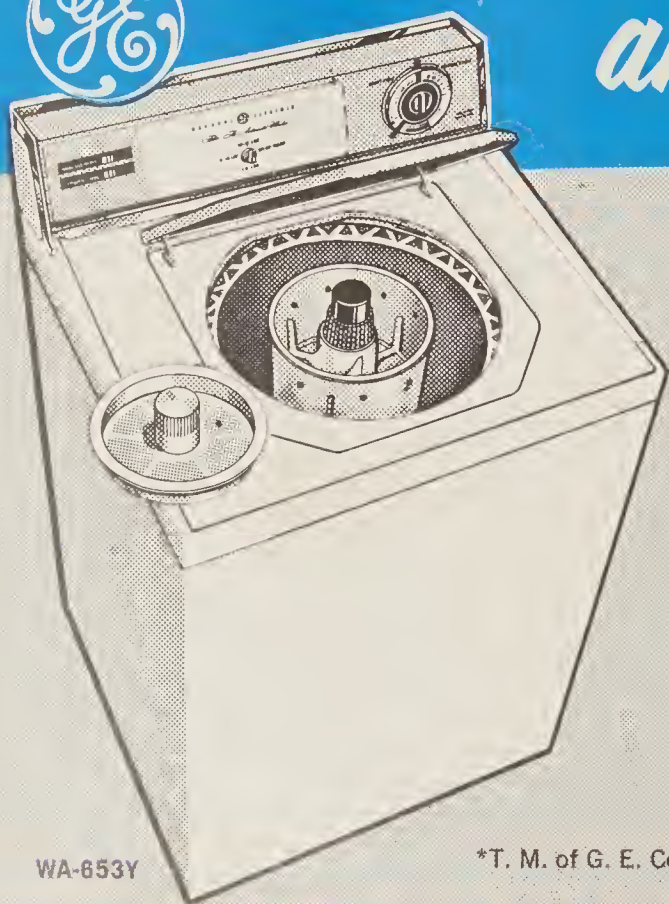
Williamston, PCA  
Wilmington, PCA  
Wilson, PCA  
Windsor, PCA  
Winston-Salem, PCA and FLBA  
Yadkinville, PCA  
Yanceyville, PCA



# GENERAL ELECTRIC WASHER WORTH MORE



*and Here's Why...*



## ONLY GENERAL ELECTRIC CAN GIVE YOU... **MINI-BASKET**\*

This exclusive extra does nuisance loads, left over loads, delicate fabrics, woolens and all those other small loads . . . Saves — Time . . . Water . . . Detergent!

*Plus* Famous Filter-Flo® Washing System with Big Family Size Capacity • 3 Wash Cycles • 3 Wash and 2 Rinse Temperatures • 4 Water Levels • Safety Lid Switch • Porcelain Enamel Top, Lid, Tub, and Wash Basket.

WA-653Y

\*T. M. of G. E. Co.

**NEW LOW PRICE**

**\$199<sup>95</sup>\***

\*Distributor's Suggested Special Price.

## SEE YOUR G-E DEALER TODAY!

Walker Martin, Inc. — Authorized distributor  
Raleigh, Charlotte, Greensboro, Asheville